PST1 PCB Video/Audio/Data Transmitter

A Very Compact PCB Video Transmitter!



PST1 Series

AMP's PST1 Series 1 cubic inch video transmitters offer many innovative features, are designed to withstand harsh environments, and are ideal for UAV and other applications requiring high efficient, high quality video/data transmission in a compact, rugged package.

PST1 transmitters may be configured with fixed RF output powers of 250 mW, 500 mW, 1 Watt, or 2 Watts. Transmitters may be optionally configured with remotely selectable power levels utilizing any of these four power levels. AMP's proprietary power-leveling circuit ensures level output power over the entire frequency band.

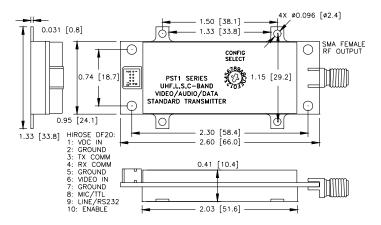
Transmitter carrier frequency may be selected remotely and locally/remotely with a programmable binary switch. Other remotely controllable features include transmitter power, subcarrier on/off, and temperature fold-back settings.

PST1 transmitters incorporate an internal isolator (most bands) for RF load protection and temperature fold-back for thermal protection (user configurable).

PST1 transmitters can be mated to AMP's HHA1 High Power Amplifier for applications that require higher RF output power.

Design Features

- 1 Cubic Inch Package (0.95"x2.60"x0.41")
- Weighs < 1 oz.
- Up to 2 Watts RF Output Power
- Up to 4 Power Modes (Remote Control)
- Internal Isolator for Load Protection (Most Bands)
- Full Frequency Band Channelization
- 2 Frequency Selection Modes
- Supports Composite Video (NTSC or PAL)
- Optional Audio or Data Subcarrier
- Subcarrier On/Off Control (Remote Control)
- Power Amp On/Off Control (Remote Control)
- Temperature Indication & Fold-Back (Remote Control)
- J-STD-001D Class 3 Assembly (Medical/Aerospace)





Advanced Microwave Products 8748 Technology Way Reno, NV 89521

Phone: (775) 345-9933 E-mail: sales@advmw.com Web: www.advmw.com

RF Characteristics

(d)hdr Ranges Available) (d)upper L-Band: (d) Vager L	RF Characteristics			
Upper Leand: 1200-1350 MHz, 1 1 Mtz Channels Lawer S-Band: 2000-2390 MHz, 1 1 Mtz Channels Lawer C-Band: 2000-2490 MHz, 1 1 Mtz Channels Lawer C-Band: 4400-4900 MHz, 1 1 Mtz Channels Lawer C-Band: 4400-4900 MHz, 1 1 Mtz Channels Lawer C-Band: 4400-4909 Mtz, 1 1 Mtz Channels Lawer C-Band: 4400-4999 Mtz, 1 1 Mtz Channels Vestor Mode (Specify): 4 Dgm Over -207C to 460°C 0000-4999 Mtz, 1 1 Mtz Channels Vestor Mode (Specify): 4 Dgm Over -207C to 460°C 0000-4999 Mtz, 1 1 Mtz Channels Vestor Mode (Specify): 4 Dgm Over -207C to 460°C 0000-4999 Mtz, 1 1 Mtz Channels Output Inpedners: 5 On Rosinici, VSW 2:1 Monum - - - Output Inpedners: 5 On Rosinici, VSW 2:1 Monum - - - - Vestor Mode (Specify): Mtdg MM RosiNe Sense - - - - - - - - - - - - - - - -	Frequency Range (Specify):	UHF:	340.0-399.9 MHz	100 kHz Channels
specifies2000 register1 Price Canadis2000 - 2399 May1 Price CanadisUpper C-Band;2400 - 2490 May1 Price Chancis4000 - 4900 May1 Price ChancisFigurer, CBand;4000 - 4900 May1 Price Chancis4000 - 4900 May1 Price ChancisFigurer, Stater, May25 gran Oxor 2000 to e 1000 or 2000 to e 1000 to e	(Other Ranges Available)	Lower L-Band:	1435-1535 MHz	1 MHz Channels
upper S-Band: 2400-2499 Mirz 1 Mit Channels Lower C-Band: 2200-2499 Mirz 1 Mit Channels Upper C-Band: 4000-4990 Mirz 1 Mit Channels Hall Band Channelland - Renote Control Only or Method 4400-4999 Mirz 1 Mit Channels Frequency Selection (Specify): 5 gpm Over - 20°C to 460°C		Upper L-Band:	1700-1850 MHz	1 MHz Channels
nih Sand: Construction2020-429 MtPNatCannelisLower Chard: Lower Chard: User Chard: Hill Channelist - Kenton Control My or Remote - Monorany SwitchNatCharnelistFrequency Saletion (Spectry): Hill and Channelist - Kenton Control My or Remote - SwitchNatCharnelistFrequency Saletion (Spectry): Boy My 500 Mt) 1 Mut, or 2 Methy, National (Success): Success - SwitchNatCharnelistSole (Spectry): Bow Mode (Spectry): Bow		Lower S-Band:	2200-2399 MHz	1 MHz Channels
Lower C-Band: 4400-4900 Mirz 1 Mit C-bands Upper C-Band: 4000-4990 Mirz 1 Mit C-bands Frequency Selection (Specify): 50 Mit C-Band: 4000-4990 Mirz 1 Mit C-bands Frequency Selection (Specify): 50 Mit C-Band: 4000-4990 Mirz 1 Mit C-bands Output Power (Specify): 50 Mit C-Band: 60 dem		Upper S-Band:	2400-2499 MHz	1 MHz Channels
upper C-Band400-04990 MzN Harch AnneliseFrequency Soletion (Spectry):14 per Connel soletion - Renote Control Only or Renote / Fourmable SwitchFrequency Soletion (Spectry):25 per Over-Oron C + of OronOutput Power (Spectry):25 per Over-Oron C + of OronOutput Power (Spectry):0 of (Fixed), Two (Spectry), or Four (Spectry), or Four (Spectry):Power Leveling:0 the Transl Sole Oron (Spectry), or Four (Spectry), or Four (Spectry):Output Power (Spectry):0 the Transl Sole Oron (Spectry), or Four (Spectry):Output Power Leveling:0 the Transl Sole Oron (Spectry):Output Power Leveling:0 the Transl Sole Oron (Spectry):Output Power Leveling:1 densing Sole Oron (Spectry):Output Power Leveling:1 densing Sole Oron (Spectry):Sole Output Power Leveling:1 densing Sole Oron (Spectry):Sole Output Power Leveling:1 densing Sole Oron (Spectry):Sole Output Power Leveling:1 densing Sole Output Power Leveling:Sole Output Density:1 density (Spectry):Sole Output Density:2 density (Spectry):Sole Output Density:2 density (Spectry):Sole Output Density:1 density (Spectry):Sole Output Density:2 density (Spectry):Sole Output D		Full S-Band:	2200-2499 MHz	1 MHz Channels
Indi Calancie 400-4999 MHz 1 HHz Channels Frequency Selective (Specify): 50 pm Our- 24PC to +40PC 0.0000.1000 mm / 1 Vatt. or 2 Vatts, Normal (Selectable)		Lower C-Band:	4400-4900 MHz	1 MHz Channels
Fraguency Selection (Specify): Al 5 pm Over -200C to +00°C Output Power, For Solvabid: - 2 Do m W, 500 mW, 104t, or 2 Watts, Nominal (Selectable) Power Mode (Specify): 0 no (Fixed), Two (Specify), Tree (Specify), or Four (Specify), Dree (Specify), Dree (Specify): Power Lovelina; With 1.0.5 dB Over E Canadity, Specify, Dree (Specify), Dree (Specify), Dree (Specify): Output Prover Lovelina; With 1.0.5 dB Over E Canadity, Specify, Dree (Specify): Output Prover Lovelina; With 2.0.5 dB Over E Canadity, Specify, Dree (Specify): Output Prover Lovelina; With 2.0.5 dB Over E Canadity, Specify, Dree (Specify): Viteo Characteristics		Upper C-Band	4900-4999 MHz	1 MHz Channels
Fraquency Stability: 45 ppm Over - 20°C to + 60°C Output Power (Poelor): 250 mW, 19 Matty, or 2 Matty, Nominal (Selectable) Output Power (Poelor): 0 me (Pread), Nor (Specify), or Four (Specify) Power Mode (Specify): 0 me (Pread), Nor (Specify), or Four (Specify) Power Mode (Specify): 0 me (Pread), Nor (Specify), For (Specify), or Four (Specify) Output Predication: 1 network (Most Bands) - Open/Short Indefinitely Output Predication: 1 network (Most Bands) - Open/Short Indefinitely Video Characteristics Analog PH, Positive Sense Woldsation Type: Analog PH, Positive Sense Woldsation Shorthy: M SP (Life to 4 JHKs, 55 Line P/E) or PAL (10Hz to 5.0MHz, 625 Line P/E), +/ - 1.5dB Woldsation Shorthy: M SP (Life to 4 JHKs, 55 Line P/E) or PAL (10Hz to 5.0MHz, 625 Line P/E), +/ - 1.5dB Woldsation Shorthy: M Sense - Mode Or PAL Distriction: 2 M Namum Ingut Impedance: 7 S Norminal (Unbelenced, Shunted br 30 pr Moximum Subcarrier Frequency (Specify): Nore Or One, Audio or Data Subcarrier Frequency (Specify): Nore Or One, Audio or Data Subcarrier Frequency (Specify): Nore Or One, Audio or Data Subcarrier Insertion Level		Full C-Band:	4400-4999 MHz	1 MHz Channels
OutputSolo may, Solo may, Solo may, Instr. or 2 Wats, Nominal (Selectable)Output Rover, RoleNome (Head), Ywe (Specify), Three (Specify), or Four (Specify), Solo Marinal, KSWR 2:1 MaximumPower LevelingWith In 26.5 dB Over Facual With Sub-Bands, TypicalOutput, Incodence:15 d Nominal, KSWR 2:1 MaximumVideo Characteristics-13 dBm MaximumVideo Characteristics-13 dBm MaximumVideo Standard (Specify):MSTS (1015 to 4.2MHz, 252 Line PC) or PAI (1016 to 5.0MHz, 625 Line PC), Hypical PCVideo Standard (Specify):44 Mitz, 19/stok & OrssonesVideo Standard (Specify):14 Start, 19/stok & OrssonesVideo Standard (Specify):14 Start, 19/stok & OrssonesNeddation Specify:14 Start, 19/stok & OrssoneSubcarrier Specify:5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 Mitz, or CustomAttic/Otat Subcarrier Network (Specify):5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 Mitz, or CustomSubcarrier Network (Specify):5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 Mitz, or CustomSubcarrier Network (Specify):5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 Mitz, or CustomSubcarrier Network (Specify):5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 Mitz, or CustomSubcarrier Specify:5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 Mitz, or Custo	Frequency Selection (Specify):	Full Band Channelized - Remote Control On	ly or Remote/Programmable Switch	
Output Protective: 0 dBm Power Modes (Specify): One (Fixed, Two (Specify), or Four (Specify), or Four (Specify) Power Modes (Specify): 00 the Interdance: 90 0 Normal, VEW 22 11 Normany Output Interdance: 90 0 Normal, VEW 22 11 Normany VEW 21 Normaly Output Interdance: 90 0 Normal, VEW 22 11 Normaly VEW 21 Normaly Video Standard (Specify): Intermal Isolator (Most Bands) - Open/Short Indefinitely VEM 21 Normaly Video Standard (Specify): NTSC (10412 to 5.20047) Standard (Specify): + / - 1.5dB Video Standard (Specify): NTSC (10412 to 5.20047) Standard (Specify): + / - 1.5dB Video Standard (Specify): 10 Nit Z Nish Assam Standard (Specify): Standard (Specify): None or Dne, Audio or Data Standard Standard (Specify): Standard (Specify): Subcarrier Frequency (Specify): 5.8, 6.0, 6.2, 6.5, 6.9, 7.2, 7.5, 6.3, 0 8.59 MHz, or Custom Standard (Specify): Subcarrier Frequency (Specify): 2.8, 6.0, 6.2, 6.5, 6.9, 7.2, 7.5, 6.3, 0 8.59 MHz, or Custom Standard (Specify): Subcarrier Frequency (Specify): 2.8, 6.0, 6.2, 6.5, 6.9, 7.2, 7.5, 6.3, 7.3, 7.5, 6.3, 7.2, 7.5, 6.3, 7.2, 7.5, 6.3, 7.2, 7.5, 6.3, 7.2, 7.5, 6.3, 7.2, 7.5, 6.3, 7.2, 7.5, 6.3, 7.2, 7.5, 6.3, 7.2, 7	Frequency Stability:	±5 ppm Over -20°C to +60°C		
Power Loveling One (Fixed), Two (Specify), Three (Specify), or Four (Specify) Output Inprodunce: S0 D Nominal, VSWR 2:1 Haximum Output Inprodunce: S0 D Nominal, VSWR 2:1 Haximum Output Inprodunce: 13 dBm Maximum Video Characteristics	Output Power (Specify):	250 mW, 500 mW, 1 Watt, or 2 Watts, Nominal (Selectable)		
Power Leveling: Within a 0.5 dB Over 6 Equal Within Sub-Bands, Typical Output Impedance: S0 0 Rowinal, VSW 82 /11 Nawhuru Output Protection: Laternal Isolator (Most Bands) - Open/Short Indefinitely Spontos Output: -13 dBm Maximum Video Characteristics Moduation Typica /11 Nawhuru Wideo Standard (Specify): NTSC (104t: to 4 2MHz, 535 Line P/E) or PAL (104t: to 5.0MHz, 625 Line P/E), +/- 1.5dB Wideo Standard (Specify): NTSC (104t: to 4 2MHz, 535 Line P/E) or PAL (104t: to 5.0MHz, 625 Line P/E), +/- 1.5dB Moduation Sensitivity: L4 MHZ / 1 Vie/k k@ Cossover Frequency Liput Impedance: 75 0 Nominal, Umbalanced, Shunted by 30 pF Maximum Disotrition: 2% Maximum Lindottri Prequency (Specify): None or One, Audia or Data Subcarrier Irequency (Specify): S, 6, 6, 6, 2, 6, 5, 8, 7, 7, 5, 8, 3, or 8, 59 MHz, or Custom Subcarrier Irequency (Specify): S, 8, 6, 6, 6, 6, 8, 7, 7, 7, 5, 8, 3, or 8, 59 MHz, or Custom Subcarrier Irequency (Specify): S, 8, 6, 6, 6, 2, 6, 5, 8, 7, 2, 7, 5, 8, 3, or 8, 59 MHz, or Custom Subcarrier Irequency (Specify): R, 8, 6 (Audia) or 22 dBc Naminal (Data) Subcarrier Trequency (Specify): Nage MP, hostity Sense Frequency Response:	Output Power, PA Disabled:	< 0 dBm		
Output Protection: Internal Scalar (Most Bands) - Open/Short Indefinite/y Spurious Output: -13 dBm Maximum Video Characteristics Modulation Type: Analog TM, Positive Sense Wideo Standard (Sperify): MTSC (104: to 4.2MHz, S25 Line P/E) or PAL (104: to 5.0MHz, 625 Line P/E) +/-1.5dB Modulation Sensitivity: 44 MHz / 1 Vide A @ Crossover Frequency International (Sperify): Input Incedental FM: 10 MtX KMS Maximum International (Sperify): Distortion: 2% Maximum International (Sperify): Subcarrier S(Specify): None or One, Audio or Data Subcarrier S(Specify): Subcarrier S(Specify): 5.6, 6, 2, 5, 5, 6, 3, 7, 2, 7, 5, 8, 3, or 8.50 MHz, or Custom Fereguency Specify): Subcarrier S(Specify): 5.6, 6, 5, 6, 5, 6, 7, 2, 7, 5, 8, 3, or 8.50 MHz, or Custom Fereguency Specify): Subcarrier S(Specify): 5.6, 6, 6, 6, 6, 6, 7, 2, 75, 8, 3, or 8.50 MHz, or Custom Fereguency Specify): Subcarrier S(Specify): 5.6, 6, 6, 6, 6, 7, 2, 75, 8, 3, or 8.50 MHz, or Custom Fereguency Specify): Subcarrier S(Specify): 4.0, 50 MtX Ower - 204: CustomInal (Data) Fereguency Specify): Subcarrier S(Specify): 5.6, 60 M, 60 Y, 20 MtX ML or CustomI	Power Modes (Specify):	One (Fixed), Two (Specify), Three (Specify)	, or Four (Specify)	
Output Protection: Internal Isolator (Most Bands) - Open/Short Indefinitely Spurious Output: -:33 dBm Maximum Video Characteristics Analog FM, Positive Sense Video Standard (Specify): MTSC (101: to 4.2MHz; 525 Line P/E) or PAL (101: to 5.0MHz, 625 Line P/E), +/- 1.5dB Video Standard (Specify): MTSC (101: to 4.2MHz; 525 Line P/E) or PAL (101: to 5.0MHz, 625 Line P/E), +/- 1.5dB Video Standard (Specify): Analog FM, Positive Sense Distribution: 2% Maximum Lotidotion: 2% Maximum Audio/Data Subcarrier Characteristics Subcarrier Specify): Subcarrier Frequency (Specify): So, 6, 0, 6, 2, 6, 5, 6, 8, 7, 2, 7, 8, 3, or 5.5 MHz, or Custom Subcarrier Frequency Standard (Sover-20vC: to 460°C Subcarrier Specify): Subcarrier Specify): None or One, Audio or Data Subcarrier Specify): Analog TM, Positive Sare Subcarrier Specify): So (Sover-20vC: to 460°C Subcarrier Specify): Rone to angrammable Switch Control Modulation Sensitivity: 100 Hz to 16 Hz ± 1.5 db (Audio) or D2 to 50 kkps (Data) Pre-Empanis: 100 Hz to 16 Mitz ± 1.5 db (Audio) or 10 Kit b (cyck (Data) Input Impediance: >4 k0 Unbalanced (Audio) or	Power Leveling:	Within ±0.5 dB Over 6 Equal Width Sub-Ba	nds, Typical	
Spurious Output: -13 dBm Maximum Video Characteristics Modulation Type: Analog FM, Positive Sense Video Standard (Specify): NTSC (10Hz to 4.2MHz, 525 Line P/E) or PAL (10Hz to 5.0MHz, 625 Line P/E), +/ - 1.5dB Modulation Sensitivity: 44 MHz / 1 Vajck, & Crossover Frequency Iput Impedance: 75 Q Nominal, Unbalanced, Shunted by 30 pF Maximum Distortion: 2% Maximum Distortion: 10 k1z KMS Maximum Audio/Data Subcarrier Characteristics Subcarries (Specify): Subcarrier Frequency (Specify): 50, 60, 62, 65, 63, 7, 7, 7, 5, 83, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): 8, 60, 62, 65, 65, 63, 7, 7, 7, 5, 83, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): 8, 60, 62, 65, 65, 63, 7, 27, 55, 83, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): 8, 60, 62, 65, 65, 68, 7, 27, 55, 83, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): 8, 60, 62, 65, 68, 7, 27, 55, 83, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): 8, 60, 62, 65, 68, 7, 27, 55, 83, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): 8, 60, 62, 65, 68, 7, 22, 75, 58, 83, or 8.59 MHz, or Custom Subcarrier Trequency (Specify): 8, 60, 62, 65, 68, 72, 25, 64, 60, 74 Subcarrier Trequency (Specify): 8, 60, 60, 60, 65, 65, 72, 62, 78, 75, 75, 75, 75, 75, 75, 75, 75, 75, 75	Output Impedance:	50 Ω Nominal, VSWR 2:1 Maximum		
Video Characteristics Modulation Type: Analog FM, Positive Sense Video Standard (Specify): MTSC (10Hz to 4.2MHz, 525 Line P/E) or PAL (10Hz to 5.0MHz, 625 Line P/E), +/ - 1.5dB Modulation Sensitivity: 44 MHz / 1 Vulcyke, MC Grossover Frequency Input Impedance: 75 G Nominal, Unbalanced, Shunted by 30 pF Maximum Distortion: 2% Maximum Audio/Data Subcarrier Characteristics Subcarries (Specify): S, 6, 0, 6, 2, 6, 5, 6, 8, 7, 2, 7, 5, 8, 3, or 8, 59 MHz, or Custom Frequency (Specify): S, 6, 0, 6, 2, 6, 5, 6, 8, 7, 2, 7, 5, 8, 3, or 8, 59 MHz, or Custom Subcarrier Concency (Specify): S, 6, 0, 6, 2, 6, 5, 6, 8, 7, 2, 7, 5, 8, 3, or 8, 59 MHz, or Custom Subcarrier Concency (Specify): S, 6, 0, 6, 2, 6, 5, 6, 8, 7, 2, 7, 5, 8, 3, or 8, 59 MHz, or Custom Subcarrier Concency (Specify): S, 6, 0, 6, 2, 6, 5, 6, 8, 7, 2, 7, 5, 8, 3, or 8, 59 MHz, or Custom Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Synes: Type Keny Mission Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Sensitivity: 150 KHz 2h, 5d (Aulo) or 150 KHz pk-pk (Data) Input Linegdance: Type Keny Keny Keny Keny Keny Keny Keny Ken	Output Protection:	Internal Isolator (Most Bands) - Open/Short Indefinitely		
Modulation Type: Analog FM, Positive Sense Video Standard (Specify): MTSC (10Hz to 4.2MHz, 525 Line P/E) or PAL (10Hz to 5.0MHz, 625 Line P/E), +/. 1.5dB Modulation Sensitivity: 44 Mtz / 1 Vipe, keg Crossover Frequency Input Impedance: 75 0 Nominal, Unbalanced, Shunted by 30 pF Maximum Distortion: 2% Maximum Audio/Data Subcarrier Characteristics Nome or One, Audio or Data Subcarrier (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 8.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 8.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 8.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Sensitivity: Sio	Spurious Output:	-13 dBm Maximum		
Modulation Type: Analog FM, Positive Sense Video Standard (Specify): MTSC (10Hz to 4.2MHz, 525 Line P/E) or PAL (10Hz to 5.0MHz, 625 Line P/E), +/. 1.5dB Modulation Sensitivity: 44 Mtz / 1 Vipe, keg Crossover Frequency Input Impedance: 75 0 Nominal, Unbalanced, Shunted by 30 pF Maximum Distortion: 2% Maximum Audio/Data Subcarrier Characteristics Nome or One, Audio or Data Subcarrier (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 8.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 8.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier Frequency (Specify): Si, 8.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Sensitivity: Sio				
Video Standard (Specify):NTSC (10/tz to 4.2MHz, 525 Line P/E) or PAL (10/tz to 5.0MHz, 625 Line P/E), +/- 1.5dBMadulation Sensitivity:44 MHz / 1 Vpic-pk @ Crossover FrequencyInput Ingedance:75 R Nominal, (vidoalanced, Shunted by 30 pf MaximumDictoritor:76 R Nominal, Vidoalanced, Shunted by 30 pf MaximumAudio/Data Subcarrier Characteristics:Subcarrier Specify):None or One, Audio or DataSubcarrier Frequency Specify):5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or CustomSubcarrier Frequency Specify):6.0, 6.0, 6.0, 6.0, 6.0, 6.0, 6.0, 6.0Subcarrier Frequency Specify):6.0, 6.0, 6.0, 6.0, 6.0, 6.0, 6.0, 6.0,	Video Characteristics			
Modulation Sensitivity: 4 4 Mir / 1 Vyk-pk @ Crossover Frequency Input Impedance: 75 A hominal, Unbalanced, Shunted by 30 pF Maximum Distortion: 2% Maximum Audio/Data Subcarrier Characteristics In Water MS Maximum Audio/Data Subcarrier Characteristics Souther MS (Specify): None or One, Audio or Data Subcarrier Frequency Specify): 5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Frequency Stability: 4.0, 8% Over - 20°C to 460°C Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Type: Analog PH, Positive Sense Frequency Stability: 150 kHz ±1.5 dB (Audio) or 150 kHz khz %k (Data) Modulation Sensitivity: 150 kHz pkk @ 1 kHz rate (Audio) or 150 kHz pkk % (Data) Modulation Sensitivity: 150 kHz pkk @ 1 kHz rate (Audio) or 150 kHz pkk % (Data) Input Impedance: >4 kG Unbalanced (Audio) or 150 kHz pkk % (Data) Input Impedance: >4 kG Unbalanced (Audio) or 150 kHz pkk % (Data) Input Impedance: >4 kG Unbalanced (Audio) or 10 kQ to Gnd (Data) Input Impedance: >4 kG Unbalanced (Audio) or 10 kQ to Gnd (Data)	Modulation Type:	Analog FM, Positive Sense		
input Impedance 75 10 Nominal, Unbalanced, Shunted by 30 pF Maximum Distortion: 2% Maximum Incidental FM: 10 kitz RMS Maximum Audio/Data Subcarrier Characteristics Subcarrier Specify): None or One, Audio or Data Subcarrier Frequency (Specify): 5.6, 6.0, 2.6, 5.6, 8.7, 2.7, 5.8, 3, or 8.59 MHz, or Custom Frequency Sublity: 40.5% Over -20°C to +60°C Subcarrier Frequency (Specify): 5.6, 6.0, 2.6, 5.6, 8.7, 2.7, 5.8, 3, or 8.59 MHz, or Custom Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Modulation Type: Analog FM, Positive Sense Frequency Response: 105 kitz AVS Audio) or Dic to 50 kitsp (Oata) Pre-Emphasis: 75 µsec NTSC or 50 µsec FAL (Audio) or Dic No 50 kitsp (Oata) Pre-Emphasis: 75 µsec NTSC or 50 µsec FAL (Audio) or None (Data) Modulation Sensitivity: 150 kitz AVS Audio Log Value Input Impedance: >4 kitz Unbalanced (Audio) or 10 kits 0 kits 2 kity kity kity Noto Response:	Video Standard (Specify):			
Distortion: 2% Maximum 25% M	Modulation Sensitivity:			
Indiednal FM: 10 kHz RMS Maximum Audio/Data Subcarrier Characteristic: Subcarrier Specify): None or One, Audio or Data Subcarrier Frequency (Specify): S.6, 0, 6, 2, 6, 8, 7, 2, 7, 8, 3, or 8, 59 MHz, or Custom Frequency Stability: 40.5% Over - 20°C to + 60°C Subcarrier Frequency (Specify): 76 dBc Nominal (Audio) or -22 dBc Nominal (Data) Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Modulaton Type: Analog FM, Positive Sense Frequency Response: 100 Hz to 10 Htz ±1, 5 dB (Audio) or D to 50 kbps (Data) Pre-Emphais: 75 yacc NT5 or 50 yacc PAL (Audio) or None (Dota) Modulation Sensitivity: 150 Hz tp /sk № 1 Hz trate (Audio) or 10 ktz ±1, 5 dB (Audio) or S232/TTL (Selectable, Data) = Data) Input Impedance: >4 kQ Unbalanced (Audio) or 10 kΩ to Gnd (Data) Input Impedance: >4 kQ Unbalanced (Audio) or 10 kΩ to Gnd (Data) Input Impedance: Solod/J/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Signalling Type (Specify): S232 or 3.3 V TL Interface Parameters: 900/B/J/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements: 20 or An for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, Np Disabled: 0 or A, Typical	Input Impedance:			
Audio/Das Subcarrier Characteristics Subcarriers (Specify): None or One, Audio or Data Subcarriers (Specify): S. 8, 6, 0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Frequency Stability: 40,5% Over .2002 to .460°C Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Type: Analog FM, Positive Sense Frequency Response: 100 Hz to 10 KHz ±1.5 dB (Audio) or r.20 dBc Nops (Data) Pre-Emphasis: 75 juse NTS Cor 50 Juse FAL (Audio) or Note (Data) Modulation Sensitivity: 150 kHz ±1.5 dB (Audio) or 150 kHz pk-pk (Data) Input Level: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV ML or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data) Input Evel: -55 dBV MJ AUG RESPONDED Evel: -55 dBV MJ AUG RES	Distortion:			
Subcarriers (Specify): None or One, Audio or Data Subcarrier Frequency (Specify): 5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.5 MHz, or Custom Frequency Stability: 40.5% Over - 200°C to +60°C Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Type: Analog FM, Positive Sense Frequency Response: 100 Hz to 10 kHz ±1.5 dB (Audio) or 150 kHz pk-Pk (Data) Pre-Emphasis: 75 usec NTSC or 50 usec PAL (Audio) or None (Data) Modulation Sensitivity: 150 kHz pk-pk @ 1 kHz rate (Audio) or 150 kHz pk-Pk (Data) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Evel: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Evel: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Evel: -55 dBV Muc or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Evel: -600/8/1/None/None (Baud/Data Bitz/Stop Bits/Parity/Handshake) Configuration Interface Characteristics -600/8/1/None/None (Baud/Data Bitz/Stop Bits/Parity/Handshake) Power Requirements: 900/9/1/None/None (Baud/Data Bitz/Stop	Incidental FM:	10 kHz RMS Maximum		
Subcarriers (Specify): None or One, Audio or Data Subcarrier Frequency (Specify): 5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.5 MHz, or Custom Frequency Stability: 40.5% Over - 200°C to +60°C Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Type: Analog FM, Positive Sense Frequency Response: 100 Hz to 10 kHz ±1.5 dB (Audio) or 150 kHz pk-Pk (Data) Pre-Emphasis: 75 usec NTSC or 50 usec PAL (Audio) or None (Data) Modulation Sensitivity: 150 kHz pk-pk @ 1 kHz rate (Audio) or 150 kHz pk-Pk (Data) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Evel: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Evel: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Evel: -55 dBV Muc or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Evel: -600/8/1/None/None (Baud/Data Bitz/Stop Bits/Parity/Handshake) Configuration Interface Characteristics -600/8/1/None/None (Baud/Data Bitz/Stop Bits/Parity/Handshake) Power Requirements: 900/9/1/None/None (Baud/Data Bitz/Stop				
Subcarrier Frequency (Specify): 5.8, 6.0, 6.2, 6.5, 6.8, 7.2, 7.5, 8.3, or 8.59 MHz, or Custom Frequency Stability: 40.5% Over -20°C to 460°C Subcarrier Insettion Level: -26 dBc Nominal (Data) Subcarrier On/Off Control: Remote and Programmable Switch Control Modulation Type: 100 Hz to 10 Hz ± 1.5 dB (Audio) or DC to 50 kbps (Data) Frequency Response: 100 Hz to 10 Hz ± 1.5 dB (Audio) or DC to 50 kbps (Data) Input Envelsion 150 kHz pc/sc M Cudolo or 150 ktb z hc/sc Mole NG Input Envelsion 150 kHz pc/sc M Cudolo or 150 ktb z hc/sc Mole NG Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Inpedance: -4 kQ Unbalanced (Audio) or 10 kQ to Gnd (Data) Input Inpedance: -600/8/1/None/Nene (Bau/Data Bits/Stop Bits/Parity/Haidshake) Signaling Type (Specify): RS23 or 3.37 TTL Interface Proper 960/8/1/None/Nene (Bau/Data Bits/Stop Bits/Parity/Haidshake) Current Draw (Typical at 12V): 900/8/1/None/Nene (Bau/Data Bits/Stop Bits/Parity/Haidshake) Current Draw (Typical at 12V): 900/8/1/None/Nene (Bau/Data Bits/Stop Bits/Parity/Haidshake) Current Draw (Typical at 12V): 900/8/1/None/Nene (Bau/Data Bits/Stop Bits/Parity) Fandetin	Audio/Data Subcarrier Characte	eristics		
Frequency Stability: ±0.5% 0ver -20°C to +60°C Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Subcarrier Insertion Level: -26 dBc Nominal (Audio) or Cto SU kbps (Data) Modulaton Type: Analog FM, Positive Sense Frequency Response: 100 Hz to 10 kHz ±1.5 dB (Audio) or None (Data) Modulaton Sensitivity: 150 kHz pk-pk @ 1 kHz rate (Audio) or 150 kHz pk-pk (Data) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RC23/ZTL (Selectable, Data) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RC23/ZTL (Selectable, Data) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RC23/ZTL (Selectable, Data) Input Level: -56 dBV Mic or -10 dBV Line (Selectable, Audio) or RC23/ZTL (Selectable, Data) Input Ingedance: -4 kQ Unbalanced (Audio or 10 kQ to Gnd (Data) KC Supply: 2.0 Vdc Thru 4.7 kQ Pull-Up Configuration Interface Characteristic: Too-Way UART Interface Type: Too-Way UART Interface Type: Too-Way UART Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Current Daw, (Typical 12V): 200mA for 2500mM, 400mA for 1W, or 650mA for 2W	Subcarriers (Specify):	None or One, Audio or Data		
Frequency Stability: ±0.5% 0ver -20°C to +60°C Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Subcarrier Insertion Level: -26 dBc Nominal (Audio) or Cto SU kbps (Data) Modulaton Type: Analog FM, Positive Sense Frequency Response: 100 Hz to 10 kHz ±1.5 dB (Audio) or None (Data) Modulaton Sensitivity: 150 kHz pk-pk @ 1 kHz rate (Audio) or 150 kHz pk-pk (Data) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RC23/ZTL (Selectable, Data) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RC23/ZTL (Selectable, Data) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RC23/ZTL (Selectable, Data) Input Level: -56 dBV Mic or -10 dBV Line (Selectable, Audio) or RC23/ZTL (Selectable, Data) Input Ingedance: -4 kQ Unbalanced (Audio or 10 kQ to Gnd (Data) KC Supply: 2.0 Vdc Thru 4.7 kQ Pull-Up Configuration Interface Characteristic: Too-Way UART Interface Type: Too-Way UART Interface Type: Too-Way UART Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Current Daw, (Typical 12V): 200mA for 2500mM, 400mA for 1W, or 650mA for 2W	Subcarrier Frequency (Specify):			
Subcarrier Insertion Level: -26 dBc Nominal (Audio) or -22 dBc Nominal (Data) Subcarrier On/Off Control: Remote and Programmable Switch Control Subcarrier On/Off Control: Analog FM, Positive Seas Frequency Response: 100 Hz to 10 kHz ±1.5 dB (Audio) or DC to 50 kbps (Data) Pre-Emphasis: 75 jacc NTSC or 50 jacc PAL (Audio) or None (Data) Modulation Sensitivity: 150 kHz pk-kp @ 1 kHz zark (Audio) or 10 kHz pk-kp @ 1 kHz zark) Input Level: -55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data) Input Impedance: >4 kQ Unbalanced (Audio) do 10 kQ to God (Data) Input Impedance: >4 kQ Unbalanced (Audio) data Bits/Stop Bits/Partix/Handshake) Signalling Type (Specify): Ro-Way UART Signalling Type (Specify): Ro-S232 or 3.3 V TL Interface Parameters: 2000Mg/INone/None (Baud/Data Bits/Stop Bits/Partix/Handshake) Power Requirements: 2000mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 91 max, Typical Transmitter Enable Control: 20 mA, Typical Transmitter Enable Control: 096" x 2.6" x 0.41" Dimensions: 0.95" x 2.6" x 0.41" Weight: <10 z.	Frequency Stability:			
Modulation Type:Analog FM, Positive SenseFrequero, Response:100 Hz to 10 Hz ± 1.5 dB (Audio) or DC 50 kbps (Dat)Pre-Emphasis:75 yees (TSC or 50 yees PAL (Audio) or 150 kHz pk-yk (Dat)Modulation Sensitivity:150 kHz pk-yk @ 1 kHz rate (Audio) or 150 kHz pk-yk (Data)Input Level:-55 dBV Mic or 10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data)Input Level:-4 k2 Unbalanced (Audio) or 10 kQ to Gnd (Data)Mic DC Supply:20 Vdc Thru 4.7 kQ Pull-UpConfiguration Interface Characterist:Signalling Type (Specify):No-Way UARTSignalling Type (Specify):RS232 or 3.3V TLInterface Parameters:00%/None (Baud/Data Bits/Stop Bits/Parity/Hardshake)Power Requirements:-2000/KJ/None/(Baud/Data Bits/Stop Bits/Parity/Hardshake)Current Draw (Typical at 12V):200nA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2WCurrent Draw (Typical at 12V):200nA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2WCurrent Draw, PA Disabled:0 sper 0 or, Ground (or <1.5 Vdc) = 0ff				
Frequency Response: 100 Hz to 10 kHz ±1.5 dB (Audio) or DC to 50 kbps (Data) Pre-Emphasis: 75 µsec NTSC or 50 µsec PAL (Audio) or None (Dat) Modulation Sensitivity: 150 kHz µk-pk @ 1 kHz rate (Audio) or 150 kHz µk-pk (Data) Input Levei: -55 dBV (inc - 10 dBV Line (Selectable, Audio) or SS232/TTL (Selectable, Data) Input Impedance: >4 kD Unbalanced (Audio) or 10 kD to Gnd (Data) Kic DC Supply: 2.0 Vdc Thru 4.7 kΩ Pull-Up Configuration Interface Characteristics Signalling Type (Specify): RS232 or 3.3V TTL Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: Open = On, Ground (or <1.5 Vdc) = Off	Subcarrier On/Off Control:	Remote and Programmable Switch Control		
Frequency Response: 100 Hz to 10 kHz ±1.5 dB (Audio) or DC to 50 kbps (Data) Pre-Emphasis: 75 µsec NTSC or 50 µsec PAL (Audio) or None (Dat) Modulation Sensitivity: 150 kHz µk-pk @ 1 kHz rate (Audio) or 150 kHz µk-pk (Data) Input Levei: -55 dBV (inc - 10 dBV Line (Selectable, Audio) or SS232/TTL (Selectable, Data) Input Impedance: >4 kD Unbalanced (Audio) or 10 kD to Gnd (Data) Kic DC Supply: 2.0 Vdc Thru 4.7 kΩ Pull-Up Configuration Interface Characteristics Signalling Type (Specify): RS232 or 3.3V TTL Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: Open = On, Ground (or <1.5 Vdc) = Off				
Pre-Emphasis:75 μsec NTSC or 50 μsec PAL (Audio) or None (Data)Modulation Sensitivity:150 kHz pk-pk @ 1 kHz rate (Audio) or 150 kHz pk-pk (Data)Input Level:-55 dBV klor10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data)Input Impedance:>4 kQ Unbalanced (Audio) or 10 kQ to Gnd (Data)Mic DC Supply:2.0 Vdc Thru 4.7 kQ Pull-UpConfiguration Interface CharacteristicInterface Type:Nov-Way UARTSignalling Type (Specify):RS232 or 3.3 V TLInterface Parameters:900/81/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake)Power Requirements:900/81/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake)Current Draw (Typical at 12V):200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2WCurrent Draw (Typical at 12V):00mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2WDimension:0.95" x 2.6" x 0.41"Dimension:0.95" x 2.6" x 0.41"Weight:<1.0 c.		• •		
Modulation Sensitivity:150 kHz pk-pk @ 1 kHz rate (Audio) or 150 kHz pk-pk (Data)Input Level:-55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TL (Selectable, Data)Input Impedance:>4 kQ Unbalanced (Audio) or 10 kQ to Gnd (Data)Loc Supply:2.0 Vdc Thru 4.7 kQ Pull-UpConfiguration Interface Characteristicswo-Way UARTInterface Type:Two-Way UARTSignalling Type (Specify):RS232 or 3.3V TTLInterface Parameters:9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake)Power Requirements11 to +16 Vdc, Reverse Polarity ProtectedCurrent Draw (Typical at 12V):200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2WCurrent Draw, PA Disable2:70 mA, TypicalTomsnitter Enable Control:Open = On, Ground (or <1.5 Vdc) = Off				
Input Level:-55 dBV Mic or -10 dBV Line (Selectable, Audio) or RS232/TTL (Selectable, Data)Input Impedance:>4 4 Ω Unbalanced (Audio) or 10 kΩ to Gnd (Data)Mic DC Supply:2.0 VdC Thru 4.7 kΩ Pull-UpConfiguration Interface Character::::::::::::::::::::::::::::::::::::				
Input Impedance: >4 kΩ Unbalanced (Audio) or 10 kΩ to Gnd (Data) Mic DC Supply: 2.0 Vdc Thru 4.7 kΩ Pull-Up Configuration Interface Characteristics Interface Type: Two-Way UART Signaling Type (Specify): R5232 or 3.3V TTL Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements Unput Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off				
Mic DC Supply: 2.0 Vdc Thru 4.7 kΩ Pull-Up Configuration Interface Characterists Interface Type: Two-Way UART Signalling Type (Specify): R5232 or 3.3 V TL Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: 0pen = 0n, Ground (or <1.5 Vdc) = Off Mechanical Dimensions: 0.95" × 2.6" × 0.41" Weight: <1 oz. Interconnects*: RF Output: SMA Female DC Supply, Video Input, Enable, Comms, Audio/Data In: Hirose DF20F-10DP-1V Male, Mate Supplied Environmental Temperature (Operating): -20°C to +60°C Over-Temperature Protection: Reduces Output Power at +75°C, Returns to Full Power at +70°C, Limits Configurable Via Remote Control, Protection Bypassable Acceleration: Unlimited				
Configuration Interface Characteristics Interface Type: Two-Way UART Signalling Type (Specify): RS232 or 3.3V TTL Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements 11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off				
Interface Type: Two-Way UART Signalling Type (Specify): RS232 or 3.3 V TTL Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off				
Interface Type: Two-Way UART Signalling Type (Specify): RS232 or 3.3 V TTL Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off	Configuration Interface Charact	eristics		
Signalling Type (Specify): R5232 or 3.3V TTL Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: 0pen = 0n, Ground (or <1.5 Vdc) = 0ff Mechanical Dimensions: 0.95″ x 2.6″ x 0.41″ Weight: <1 oz. Interconnects*: RF Output: SMA Female DC Supply, Video Input, Enable, Comms, Audio/Data In: Hirose DF20F-10DP-1V Male, Mate Supplied Environmental Temperature (Operating): -20°C to +60°C Over-Temperature Protection: Reduces Output Power at +75°C, Returns to Full Power at +70°C, Limits Configurable Via Remote Control, Protection Bypassable Acceleration: 100 g, 3 Axes				
Interface Parameters: 9600/8/1/None/None (Baud/Data Bits/Stop Bits/Parity/Handshake) Power Requirements Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off				
Power Requirements Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = 0n, Ground (or <1.5 Vdc) = Off				
Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off				
Input Voltage: +11 to +16 Vdc, Reverse Polarity Protected Current Draw (Typical at 12V): 200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2W Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off	Power Requirements			
Current Draw (Typical at 12V):200mA for 250mW, 300mA for 500mW, 400mA for 1W, or 650mA for 2WCurrent Draw, PA Disabled:70 mA, TypicalTransmitter Enable Control:Open = On, Ground (or <1.5 Vdc) = Off	Input Voltage:	+11 to +16 Vdc, Reverse Polarity Protected		
Current Draw, PA Disabled: 70 mA, Typical Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off				
Transmitter Enable Control: Open = On, Ground (or <1.5 Vdc) = Off	Current Draw, PA Disabled:			
Mechanical Dimensions: 0.95" x 2.6" x 0.41" Weight: <1 oz.	,			
Dimensions: 0.95" x 2.6" x 0.41" Weight: <1 oz.				
Dimensions: 0.95" x 2.6" x 0.41" Weight: <1 oz.	Mechanical			
Weight: <1 oz.		0.95" x 2.6" x 0.41"		
Interconnects*: RF Output: SMA Female DC Supply, Video Input, Enable, Comms, Audio/Data In: Hirose DF20F-10DP-1V Male, Mate Supplied Environmental -20°C to +60°C Over-Temperature Protection: Reduces Output Power at +75°C, Returns to Full Power at +70°C, Limits Configurable Via Remote Control, Protection Bypassable Acceleration: 100 g, 3 Axes Altitude: Unlimited				
DC Supply, Video Input, Enable, Comms, Audio/Data In: Hirose DF20F-10DP-1V Male, Mate Supplied Environmental Temperature (Operating): -20°C to +60°C Over-Temperature Protection: Reduces Output Power at +75°C, Returns to Full Power at +70°C, Limits Configurable Via Remote Control, Protection Bypassable Acceleration: 100 g, 3 Axes Altitude: Unlimited			SMA Female	
Environmental Temperature (Operating): -20°C to +60°C Over-Temperature Protection: Reduces Output Power at +75°C, Returns to Full Power at +70°C, Limits Configurable Via Remote Control, Protection Bypassable Acceleration: 100 g, 3 Axes Altitude: Unlimited				V Male, Mate Supplied
Temperature (Operating): -20°C to +60°C Over-Temperature Protection: Reduces Output Power at +75°C, Returns to Full Power at +70°C, Limits Configurable Via Remote Control, Protection Bypassable Acceleration: 100 g, 3 Axes Altitude: Unlimited				,
Temperature (Operating): -20°C to +60°C Over-Temperature Protection: Reduces Output Power at +75°C, Returns to Full Power at +70°C, Limits Configurable Via Remote Control, Protection Bypassable Acceleration: 100 g, 3 Axes Altitude: Unlimited	Environmental			
Over-Temperature Protection: Reduces Output Power at +75°C, Returns to Full Power at +70°C, Limits Configurable Via Remote Control, Protection Bypassable Acceleration: 100 g, 3 Axes Altitude: Unlimited		-20°C to +60°C		
Acceleration: 100 g, 3 Axes Altitude: Unlimited			n Full Power at +70°C Limits Config	urable Via Remote
Acceleration: 100 g, 3 Axes Altitude: Unlimited	even remperature riotection.			
Altitude: Unlimited	Acceleration:			
	Humidity:		ost or Condensation	