

HARDLINE OUTDOOR DIRECTIONAL COUPLER

Value X: 8, 12, 16, 20 dB

FEATURES

- 5 -1000 MHz
- High Isolation, Low Thru-loss
- Captive Hardware to Prevent Loss During Installation
- Interlocking Tongue/Groove Plate
- Superior Interwoven Gasket, -100dB RFI Shielding
- Stainless Steel Clamp, can be used for Aerial or Pedestal Mounting
- Fused Output Ports
- Brass F-Port with Neoprene Gasket Seals
- Power Passing
- 360° Aluminum Drip Wells


TECHNICAL SPECIFICATIONS

ITEM / dB VALUE		8	12	16	20
INSERTION LOSS (IN – OUT) (dB)	5 - 65 MHz	≤ 2.5	≤ 2.0	≤ 1.5	≤ 1.5
	65 - 550MHz	≤ 2.5	≤ 2.0	≤ 1.5	≤ 1.4
	550 - 750 MHz	≤ 2.7	≤ 2.2	≤ 1.9	≤ 1.8
	750 - 1000MHz	≤ 3.0	≤ 2.6	≤ 2.2	≤ 2.0
TAP LOSS (IN – TAP)(dB)	5 - 1000MHz	±1.5	±1.5	±1.5	±1.5
ISOLATION (OUT – TAP) (dB)	5 - 65 MHz	≥ 23.0	≥ 23.0	≥ 24.0	≥ 26.0
	65 - 550MHz	≥ 22.0	≥ 22.0	≥ 24.0	≥ 26.0
	550 - 750 MHz	≥ 20.0	≥ 22.0	≥ 22.0	≥ 22.0
	750 - 1000MHz	≥ 20.0	≥ 22.0	≥ 22.0	≥ 22.0
RETURN LOSS (IN / OUT / TAP)(dB)	5 - 1000MHz	≥ 16.0	≥ 16.0	≥ 16.0	≥ 16.0
Frequency range		5- 1000MHz			
Power Capability		15 Amp @ 90Vac			
Hum Modulation		>70 dB (at 10 Amp)			
Impedance		75 ohm			
Connector		5/8" x 24 UNEF			