

8" x 48" Outdoor Broadband Tri-Sector Canister Antenna

EXTENT™ P4912

[1695-2700 MHz]


Description:

B2/B4/B25/B41 outdoor tri-sector antenna for small cell applications and outdoor distributed antenna systems (DAS).

Electrical Specifications:

Frequency [MHz]	1695-1880	1850-1990	1920-2180	2305-2360	2360-2500	2500-2700
Polarization	Dual Slant 45° (+/-45°)					
Sector Orientation	Pseudo Omni (360°)					
Input	2x 4.3-10(f) DIN or 7-16(f) DIN, Long Neck, Bottom Mount					
Impedance	50 Ω					
VSWR / Return Loss	< 1.5:1 / 14.0 dB					
Gain	10.0 dBi	10.5 dBi	11.0 dBi	11.5 dBi	11.5 dBi	12.0 dBi
Isolation	-30 dB					
Vertical Beamwidth	7.5°	7.0°	6.5°	6.0°	5.5°	5.5°
Horizontal Beamwidth	360° (Omni)					
Downtilt	0° fixed					
USLS - First Lobe	15 dB					
XPR	15 dB					
PIM @ 2 x 43 dBm	< -153 dBc					
Max Input Power / Port	200 W					

Mechanical Specifications:

Operating Temperature	-40° to 158° F -40° to +70° C
Antenna Weight	24 lbs (11kg)
Antenna Diameter	8.0" (178mm)
Antenna Height (w/o conn)	48.8" (1240mm)
Radome Color	Gray or Brown
Wind Survival Rating / Load	150 mph (240 kph)
Ingress Protection	IP65
RoHS	Compliant
Mating Male Conn Torque	
	7-16: 18.4 ft-lb (25 Nm)
	4.3-10: 7.4 ft-lb (10 Nm)

Part Numbers:

Part Number	Connector	Color
C3-Tx12-T2-1-F3	4.3-10(f) DIN	Gray
C3-Tx12-T2-6-F3	4.3-10(f) DIN	Brown
C3-Tx12-D2-1-F3	7-16(f) DIN	Gray
C3-Tx12-D2-6-F3	7-16(f) DIN	Brown