

**Indoor Drop Splitter, 2-Way, 1.8 GHz**  
**CX-SP-2W-18G**

# SPECIFICATIONS



## FEATURES AND BENEFITS

- Superior housing design ensures fast and easy installation
- Excellent performance in the expanded return path range of DOCSIS 4.0
- Expanded bandwidth in the downstream to allow for the higher data rates provided by DOCSIS 4.0
- Superior intermodulation distortion and second harmonic performance
- Excellent return loss and port-to-port isolation in the return band

## GENERAL SPECIFICATION

- ✓ Frequency range: 5 - 1800 MHz
- ✓ Operating temperature range: -25...+70 °C
- ✓ Surge immunity: 1 kV
- ✓ Impedance: 75 Ohm
- ✓ Electromagnetic comp. (2) (dB, Min.):
  - 5 - 300 95.0
  - 300 - 470 90.0
  - 470 - 95 85.0
  - 950 - 1800 75.0
- ✓ Intermodulation (2f1, f1+f2, 2f2) (4):
  - 122.0 dBc (a)
  - 115.0 dBc (b)
  - 110.0 dBc (c)
- ✓ Blocking Capacitors: All port

Port loss (dB, Max.) - In to Port	TYP	Isolation (dB, Min.) - Out to Out	TYP
5-15	4.2	5-15	28.0
15 - 65	3.7	15 - 65	30.0
65 - 470	3.8	65 - 470	28.0
470 - 862	4.0	470 - 862	26.0
862 - 1006	4.1	862 - 1002	25.0
1006 - 1218	4.3	1002 - 1218	22.0
1218 - 1500	4.8	1218 - 1500	20.0
1500 - 1800	5.4	1500 - 1800	20.0
<b>Return loss (dB, Min.) - All ports</b>		<b>TYP</b>	
5-15		20.0	
15 - 1218		22.0	
1218 - 1800		14.0	