

# TR-CS Series 5.8 GHz Diplexers



## About Tranzeo

Tranzeo Wireless Technologies, Inc. has emerged as an industry leader in designing, manufacturing and distributing high-speed wireless broadband communication systems globally.

## Recommended Applications

- Video Transmission
- VoIP Backhaul
- Leased Line Replacement
- Private Wide Area Networks
- ISP Backhaul

## Electrical Specifications

### TR-CS1

Pass Band 1	5735 - 5755 MHz
Pass Band 2	5815 - 5835 MHz
Insertion Loss	2.0 dB max
Pass Band Flatness	1.0 dB max
Pass Band Return Loss	15 dB min
Isolation between Pass Bands	65 dB min
Connector	SMA Female

### TR-CS2

Pass Band 1	5735 - 5755 MHz
Pass Band 2	5775 - 5795 MHz
Insertion Loss	2.0 dB max
Pass Band Flatness	1.0 dB max
Pass Band Return Loss	15 dB min
Isolation between Pass Bands	45 dB min
Connector	SMA Female

### TR-CS3

Pass Band 1	5755 - 5775 MHz
Pass Band 2	5795 - 5815 MHz
Insertion Loss	2.0 dB max
Pass Band Flatness	1.0 dB max
Pass Band Return Loss	15 dB min
Isolation between Pass Bands	45 dB min
Connector	SMA Female

## Mechanical Specifications

Dimensions (L x W)	TR-CS1	4" x 2.9" (104 mm x 73 mm)
	TR-CS2 / TR-CS3	5.5" x 4.2" (140 mm x 106 mm)
Weight	TR-CS1	2.6 lbs
	TR-CS2 / TR-CS3	3.0 lbs

\*Kit includes Replacement Gasket

