

Cavo Technology

FUSED BICONICAL TAPER COUPLER (FBT SPLITTER)

FEATURES:

- Compact and accurate design
- Low insertion loss and polarization related loss
- High reliability
- More channels
- Wide operation wave-length range
- Wide operation temperature range
- Package and shape could be made as customer requested
- Passed Telcordia GR-1221 and GR-1209 test

APPLICATION:

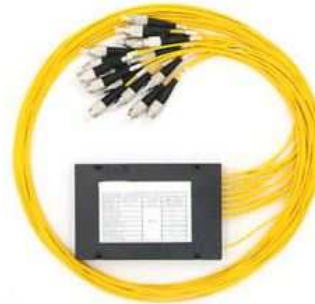
- FTTH system
- LAN / WAN MAN Network system
- Analog digital passive optical network
- Cable Television (CATV)



1x2



1x8



1x16

SPECIFICATIONS:

PARAMETERS	CONDITION	UNIT	SPECIFICATIONS							
			1x4	1x6	1x8	1x12	1x16	1x24	1x32	1x64
Insertion Loss	1310~1550nm	dB	≤7.2	≤10.0	≤10.7	≤13.0	≤13.9	≤16.2	≤17.2	≤22.0
Uniformity of I.L	1310~1550nm	dB	≤0.8	≤0.8	≤1.0	≤1.0	≤1.4	≤1.5	≤1.6	≤2.5
PDL	1310~1550nm	dB	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3
Return Loss	1310~1550nm	dB	≥55							
Operating Temperature		°C	-40°C~+85°C							
Wavelength Range		nm	1260~1360, 1480~1650							
Maximum Input Power		mw	500							
Storage Humidity		RH	30-85%							

Ordering Information

1. Connector Type: SC, LC, FC, ST
2. Part Number: CV-SP1xUUWW

WW=Connector Type UU=04/08/16/24/36/48 (Total Ports)