

SOFTTEL

FBT

OPTIC SPLITTER SINGLE MODE SW-DW

Description

SOFTTEL adopts the FBT technique to produce the SM coupler with the high performance and liability which achieve the advanced level of similar products in the world. The extremely low excess loss greatly increases the coupler's liability and long-term stability. SOFTTEL adopts the unique craft to eliminate the reflection of the 1X2 coupler's spare input fiber end and ensure its long-term stability and at least 60dB directivity. SOFTTEL also supply the 1XN (NXN) Tree/Star type coupler by grade-connection 1X2 coupler.



Features

- Low PDL
- Low Excess Loss
- Good Directivity
- Good environmental Stability
- Standard/Flattened/Broadband/Star/Tree

Applications

- Optical Fiber Communication Systems
- Optical Fiber CATV
- Passive Optical Network (PON)
- Optical Amplifiers
- Optical Access Networks/LAN
- Monitoring Systems
- Optical Fiber Sensor

Specifications

Type	Standard	Dual-window Brad	Single-Window Broadband
Central Wavelength(nm)	1310nm or 1550nm	1310nm and 1550nm	1310nm or 1550nm
Bandwidth(nm)	±20	±40	±40
Star Structure	4*4 8*8 16*16	4*4 8*8 16*16	4*4 8*8 16*16
Tree Structure	1*4 1*8 1*16	1*4 1*8 1*16	1*4 1*8 1*16
Typical Insertion Loss(dB)	6.3 9.5 13.0	6.6 9.6 13.2	6.6 9.6 13.2
Uniformity(dB)	0.7 1.0 1.3	1.5 2.2 3.0	0.9 2.8 3.7
PDL(dB)		0.10	
Mini. Directivity(dB)		60	
Operating Temperature(°C)		-40~+75	
Storage Temperature(°C)		-40~+85	
Packing Type		Customer Specify	
Industry Standard		Telcordia GR-1221-CORE	

Order information

FBT- 1x2	-	1315	-	50	-	S	-	0.9	-	0.5	-	SCA
↓		↓		↓		↓		↓		↓		↓
1XN 1X2 1X32 2XN 2X2 2X32		1315= 1310/1550 13=1310 15=1550		50=50:50 40=40:60 10=10:90 5=5:95 1=1:99		S= Steel tube P= Plastic case		0.25=250um bare fiber 0.9=900um Loose tube 2.0=2.0mm 2.0=3.0mm 0=Adapter		0.5=0.5m 1=1.0m 1.5=1.5m 2=2.0m 0=Adapter X=Others		SCA=SC/APC SCP=SC/PC FCA=FC/APC FCP=FC/PC LCA=LC/APC 00=No adapter

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