PLC Fiber Optik Splitter & Optik Power Bölücü

Fiber optik splitter optik işaretin gücünü böler. FFTH , PON (EPON – GEPON) Network , CATV , Telekomünikasyon ve Optik dağıtım sistemlerinde kullanılır.

Ürün Görselleri 1:8 SC/UPC Splitter

Splitter Teknik Özellikler

Parameters	1×2	1×4	1×8	1×16	1×32	1×64
Operating Wavelength (nm)	1260～1650					
Fiber Type	G657A or customer specified					
Insertion Loss (dB)（P/S Grade）	3.8/4.0	7.1/7.3	10.2/10.5	13.5/13.7	16.5/16.9	20.5/21.0
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.0
Return Loss (dB)	55	55	55	55	55	55
Polarization Dependent Loss(dB)	0.2	0.2	0.2	0.25	0.3	0.35
Directivity (dB)	55	55	55	55	55	55
Wavelength Dependent Loss(dB)	0.3	0.3	0.3	0.5	0.5	0.5
Temperature Stability(-40～85 ℃)(dB)	0.4	0.4	0.4	0.5	0.5	0.5
Operating Temperature (℃)	-40～85					
Storage Temperature (℃)	-40～85					
Device Dimension (mm) (L×W×H)	40×4×4	40×4×4	40×4×4	50×4×4	50×7×4	60×12×4
Module Dimension (mm) (L×W×H)	100×80×10	100×80×10	100×80×10	120×80×18	140×115×18	140×115×18
Mini-Module Dimension (mm) (L×W×H)	50×7×4	50×7×4	60×7×4	60×12×4	80×20×6	N/A

- Low Insertion loss
- Low PDL
- Compact Design
- Good channel-to-channel uniformity
- Wide Operating Wavelength:
- From 1260nm to 1650nm
- Wide Operating Temperature:From -40 to 85
- High Reliability and Stability
- GR-1209-CORE ve GR-1221-CORE uyumlu

Ek Bilgi | Optik Güç Bölünmesi ile Optik Seviyes İlişkisi

Bir optik sinyali 2'ye bölmek demek optik işaretin seviyesini 3db azaltmak demektir. Örneğin -10db Seviyesindeki bir işareti 1:2 splitter ile böldüğümüzde çıkış uçlarının herbirindeki optik sinyal seviyesi -13db olmalıdır.

Splitter Ratio	1:2	1:4	1:8	1:16	1:32
Ideal Loss / Port (dB)	3	6	9	12	15
Excess Loss (dB)	1	1	2	3	4
Typical Loss (dB)	4	7	11	15	19

Sipariş No	Ürün Tanımı
FOS-12SA	Fiber Optic 1:2 PLC Splitter SM SC/APC With 1Mt Cable
FOS-14SA	Fiber Optic 1:4 PLC Splitter SM SC/APC With 1Mt Cable
FOS-18SA	Fiber Optic 1:8 PLC Splitter SM SC/APC With 1Mt Cable
FOS-116SA	Fiber Optic 1:16 PLC Splitter SM SC/APC With 1Mt Cable
FOS-32SA	Fiber Optic 1:32 PLC Splitter SM SC/APC With 1Mt Cable
FOS-164SA	Fiber Optic 1:64 PLC Splitter SM SC/APC With 1Mt Cable
FOS-12SU	Fiber Optic 1:2 PLC Splitter SM SC/UPC With 1Mt Cable
FOS-14SU	Fiber Optic 1:4 PLC Splitter SM SC/UPC With 1Mt Cable
FOS-18SU	Fiber Optic 1:8 PLC Splitter SM SC/UPC With 1Mt Cable
FOS-116SU	Fiber Optic 1:16 PLC Splitter SM SC/UPC With 1Mt Cable
FOS-32SU	Fiber Optic 1:32 PLC Splitter SM SC/UPC With 1Mt Cable
FOS-164SU	Fiber Optic 1:64 PLC Splitter SM SC/UPC With 1Mt Cable
FOS-12FU	Fiber Optic 1:2 PLC Splitter SM FC/UPC With 1Mt Cable
FOS-14FU	Fiber Optic 1:4 PLC Splitter SM FC/UPC With 1Mt Cable
FOS-18FU	Fiber Optic 1:8 PLC Splitter SM FC/UPC With 1Mt Cable
FOS-116FU	Fiber Optic 1:16 PLC Splitter SM FC/UPC With 1Mt Cable
FOS-132FU	Fiber Optic 1:32 PLC Splitter SM FC/UPC With 1Mt Cable
FOS-12LU	Fiber Optic 1:2 PLC Splitter SM LC/UPC With 1Mt Cable