



Bare PLC Splitter

DESCRIPTION

It is used for small spaces and can be easily placed in formal joint boxes and splice closures. In order to facilitate welding, it does not need specially designed space reserved.

KINGTON's PLC splitter family features either ribbon or individual fiber output. KINGTON provides a whole series of 1xN and 2xN splitter products that are tailored for specific applications. All splitters provide guaranteed optical performance and high reliability that meet GR-1209-CORE and GR-1221-CORE requirements.

FEATURES

- Low Insertion Loss And Low PDL Uniform Power
- Splitting High Reliability And Stability Excellent
- Environmental Stability Compact Size And Various
- Package Wide Operating Wavelength: From 1260nm To 1650nm

APPLICATIONS

- FTTX Systems
- PON Networks
- CATV Systems
- Digital, Hybrid and AM-Video Systems
- LAN, WAN and Metro Networks
- Other Fiber Optic Systems

COMPLIANCE S

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE

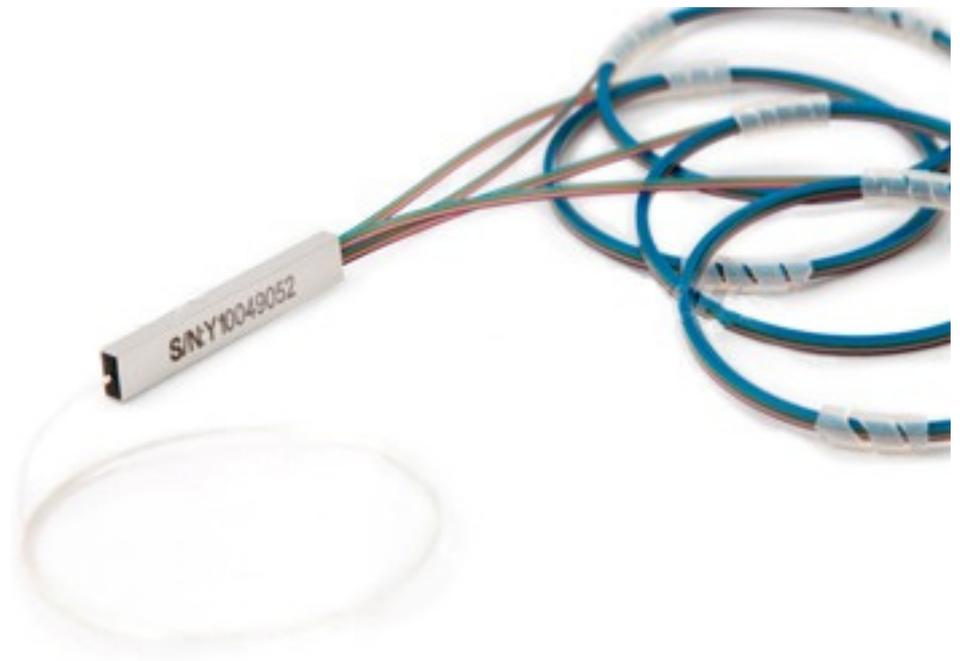


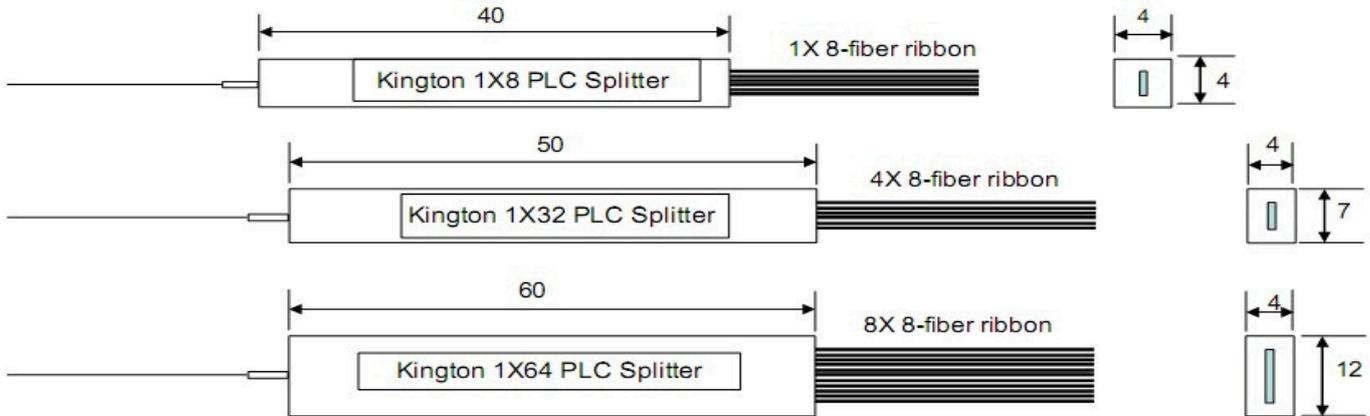


Table1 – 1×N PLC Splitter

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) (S/P Grade)	4.0/3.8	7.3/7.0	10.5/10.2	13.7/13.5	16.9/16.5	21.0/20.5
Loss Uniformity (dB)	0.4	0.6	0.8	1.2	1.5	2.5
Return Loss (dB) (S/P Grade)	50/55	50/55	50/55	50/55	50/55	50/55
Polarization Dependent Loss(PDL, dB)	0.2	0.2	0.3	0.3	0.3	0.4
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 °C)(dB)	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature (°C)	-40 ~ 85					
Storage Temperature (°C)	-40~85					
Packaging Dimension (mm) (L×W×H)	40×4×4	40×4×4	40×4×4	50×7×4	50×7×4	60×12×4



DIMENSIONS



ORDERING INFORMATION

KPB	XXX	X	XX	X	XX	X	X
	Port	Input Tube Type	Input Fiber Length	Output Tube Type	Output Fiber Length	Input Connector	Output Connector
K=KINGTON P=PLC Splitter B=Bare	102=1x 2	B=250um	12=1.2M	B=250um	12=1.2M	0=None	0=None
	202=2x 2	Bare Fiber	15-1.5M	Bare Fiber	15-1.5M		
	L=900um	150=15M		150=15M		
	264=2x6 4	Loose Tube T=900um Tight Buffer		