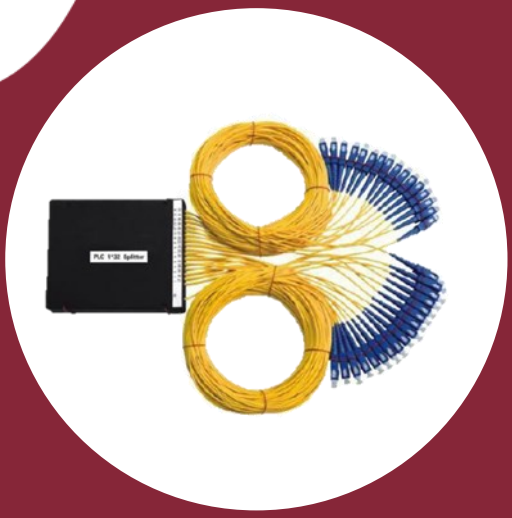
CONNECT
telecommunications solutions inc.



PLC Cassette Splitter

Fibre Connectivity

FEATURES AND BENEFITS

- Compact format
- Input easily identifiable
- 1x2 to 1x128 split ratios
- Various connector types available
- Qualified per Telcordia GR-1221 and GR-1209

OVERVIEW

Connect's PLC splitters in a cassette format are an excellent option for FTTh applications. Made of high quality material, they use bend-insentive fibres and hytrel coating to ensure high stability during temperature changes. They are available from 1x2 all the way to 1x128 split ratio, with various connector types. The input is labeled with a red paint ring.

SPECIFICATIONS

Parameter	Value
Operating Wavelengths	1260-1650nm
Return loss (APC)	≥50dB
Return loss (UPC)	≥55dB
Directivity	≥55dB
Fiber Type	G.657.A1
Operating temperature	-40°C ~ 70°C
Storage temparature	-40°C ~ 85°C

Parameter	Value						
Split ratio	1x2	1x4	1x8	1x16	1x32	1x64	1x128
Typical Insertion Loss (dB)	4.3	7.5	11	14	17.5	21	24
Max Insertion Loss (dB)	4.5	7.7	11.5	14.5	18.2	21.5	24.5
PDL (dB)	0.2	0.3	0.3	0.3	0.3	0.4	0.4

**Loss values include connector loss.

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ORDERING INFORMATION

Part Number	Description
SPL-1-2-SC/APC	1x2 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/APC Connectors
SPL-1-4-SC/APC	1x4 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/APC Connectors
SPL-1-8-SC/APC	1x8 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/APC Connectors
SPL-1-16-SC/APC	1x16 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/APC Connectors
SPL-1-32-SC/APC	1x32 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/APC Connectors
SPL-1-64-SC/APC	1x64 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/APC Connectors
SPL-1-128-SC/APC	1x128 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/APC Connectors

SPL-1-2-SC/UPC	1x2 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/UPC Connectors
SPL-1-4-SC/UPC	1x4 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/UPC Connectors
SPL-1-8-SC/UPC	1x8 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/UPC Connectors
SPL-1-16-SC/UPC	1x16 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/UPC Connectors
SPL-1-32-SC/UPC	1x32 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/UPC Connectors
SPL-1-64-SC/UPC	1x64 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/UPC Connectors
SPL-1-128-SC/UPC	1x128 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, SC/UPC Connectors

SPL-1-2-LC/APC	1x2 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, LC/APC Connectors
SPL-1-4-LC/APC	1x4 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, LC/APC Connectors
SPL-1-8-LC/APC	1x8 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, LC/APC Connectors
SPL-1-16-LC/APC	1x16 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, LC/APC Connectors
SPL-1-32-LC/APC	1x32 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, LC/APC Connectors
SPL-1-64-LC/APC	1x64 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, LC/APC Connectors
SPL-1-128-LC/APC	1x128 Splitter, cassette style, G657A1 fiber, 2mm-1m legs, LC/APC Connectors