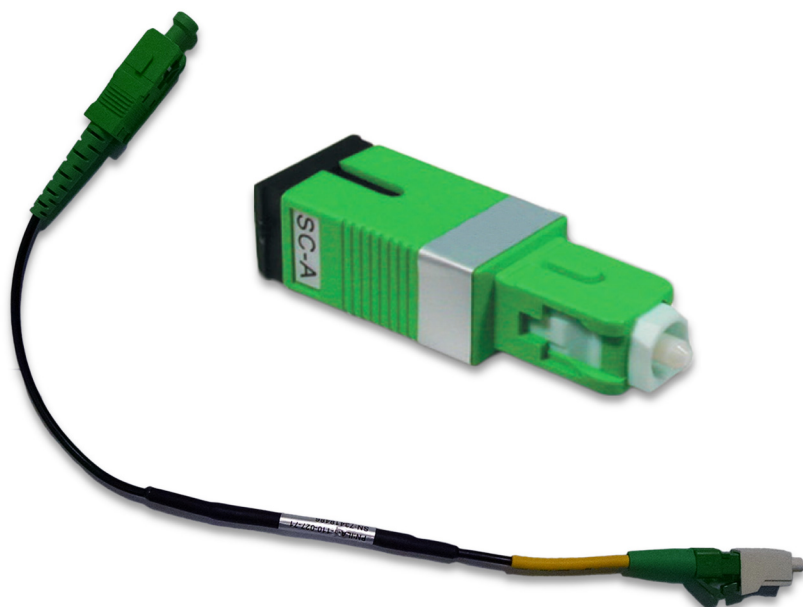


FEATURES

- Attenuation range from 1 to 10* dB
- Bulkhead and jumper style options available
- High Performance/Low Loss
- Ideal for adding loss to any optical link

* Jumper style maximum attenuation is 5 dB

CommScope fixed inline attenuators are an ideal attenuation option when additional loss is required for any optical link. Featuring a wide range of attenuation options and connector types in both bulkhead style and jumper style formats. These attenuators can be installed in both indoor and outdoor fiber optic devices.



JUMPER STYLE ATTENUATOR SPECIFICATIONS

Characteristic	Specification
Optical Performance	
Optical Operating Wavelength	1460–1625 nm
Insertion Loss @ 1550 nm, max	1.0 ± 0.3 dB
	2.0 ± 0.4 dB
	3.0 ± 0.4 dB
	4.0 ± 0.5 dB
	5.0 ± 0.5 dB
	6.0 ± 0.6 dB
	7.0 ± 0.6 dB
	8.0 ± 0.6 dB
	9.0 ± 0.6 dB
WDL, max	0.5 dB for 1–3 dB attenuator
	0.6 dB for 4–5 dB attenuator
	1.2 dB for 6–9 dB attenuator
Insertion Loss Excluding Connector	0.3 dB (typ), 0.5 dB (max)
General Optical Performance	
Return Loss, min	45 dB
Polarization Dependent Loss, max	0.15 dB

BULKHEAD STYLE ATTENUATOR SPECIFICATIONS

Characteristic	Specification
Environmental	
Operating Temperature	-40° to +85°C (-40° to 185°F)
Optical Performance	
Optical Operating Wavelength	1310 ± 40 nm
	1550 ± 40 nm
	1625 ± 25 nm
Insertion Loss	1.0 ± 0.5 dB
	2.0 ± 0.5 dB
	3.0 ± 0.5 dB
	4.0 ± 0.5 dB
	5.0 ± 0.5 dB
	6.0 ± 0.6 dB
	7.0 ± 0.7 dB
	8.0 ± 0.8 dB
	9.0 ± 0.9 dB
10.0 ± 1.0 dB	
General Optical Performance	
Return Loss	30 dB (min)

JUMPER STYLE ATTENUATOR ORDERING INFORMATION

Part Number	Description
ILA-1-110-027-71	CABLE ASSY FO INLINE ATT 1 DB 11.0 IN LC/APC-SC/APC
ILA-2-110-027-71	CABLE ASSY FO INLINE ATT 2 DB 11.0 IN LC/APC-SC/APC
ILA-3-110-027-71	CABLE ASSY FO INLINE ATT 3 DB 11.0 IN LC/APC-SC/APC
ILA-4-110-027-71	CABLE ASSY FO INLINE ATT 4 DB 11.0 IN LC/APC-SC/APC
ILA-5-110-027-71	CABLE ASSY FO INLINE ATT 5 DB 11.0 IN LC/APC-SC/APC
ILA-1-110-027-11	CABLE ASSY FO INLINE ATT 1 DB 11.0 IN SCA-SC/APC
ILA-2-110-027-11	CABLE ASSY FO INLINE ATT 2 DB 11.0 IN SCA-SC/APC
ILA-3-110-027-11	CABLE ASSY FO INLINE ATT 3 DB 11.0 IN SCA-SC/APC
ILA-4-110-027-11	CABLE ASSY FO INLINE ATT 4 DB 11.0 IN SCA-SC/APC
ILA-5-110-027-11	CABLE ASSY FO INLINE ATT 5 DB 11.0 IN SCA-SC/APC

BULKHEAD STYLE ATTENUATOR ORDERING INFORMATION

Part Number	Description
1510158-001	ATTENUATOR SC/APC 1 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-002	ATTENUATOR SC/APC 2 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-003	ATTENUATOR SC/APC 3 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-004	ATTENUATOR SC/APC 4 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-005	ATTENUATOR SC/APC 5 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-006	ATTENUATOR SC/APC 6 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-007	ATTENUATOR SC/APC 7 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-008	ATTENUATOR SC/APC 8 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-009	ATTENUATOR SC/APC 9 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE
1510158-010	ATTENUATOR SC/APC 10 DB FIXED PLUG-IN CONNECTOR TYPE DUAL WAVE

RELATED PRODUCTS

CHP Max5000® Chassis	N2/NC4 Series Nodes
OM4120™ Nodes	SFPs
OM6000™ Nodes	Installation Services

Contact Customer Care for product information and sales:

- United States: 866-36-ARRIS
- International: +1-678-473-5656



Note: Specifications are subject to change without notice.

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