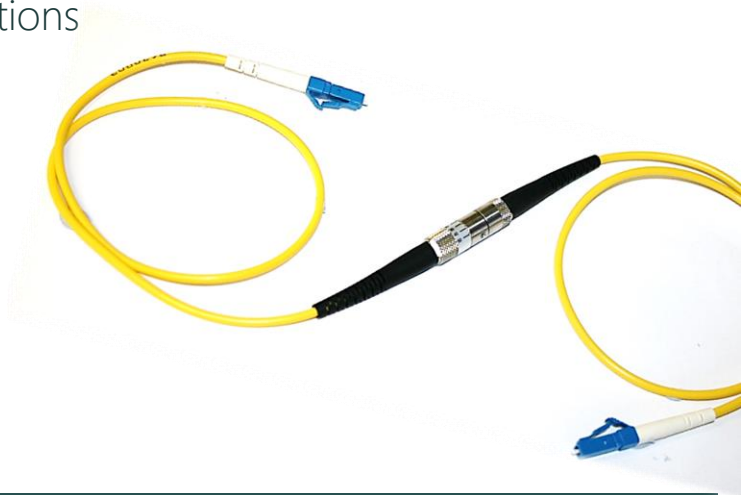


OPT716 Series

In-line Adjustable Optical Attenuator

Optical Communications Test Applications

- Reduce the optical power level into an optical receiver, to optimise the link dynamic operating range
- Matching of transmit levels in WDM applications such as CATV
- Perform simple pass/fail margin testing, by adding an extra temporary loss



Revision 3

OPT716 series adjustable fiber optic attenuator is an inexpensive un-calibrated device typically used to adjust an optical power level, or perform margin testing on a fiber optic link.

Features

- Attenuation stability
- Excellent return loss characteristics
- Easy installation & well packaged
- Telcordia "GR-910-CORE" compliance
- Environmental stability

OPT716 – In-line Adjustable Optical Attenuator

The Kingfisher International OPT716 series adjustable fiber optic attenuator is an inexpensive un-calibrated device typically used to adjust an optical power level, or perform margin testing on a fiber optic link. Alternatively, the Kingfisher KI 7010 Series Variable Optical Attenuator provides a premium calibrated attenuator instrument.

By rotating body halves, the attenuation can be set anywhere within the device's attenuation range and then locked in place via two hex grub screws. Its compact design makes it excellent for mounting inside a panel.

SPECIFICATIONS

Parameter	Value
Wavelength	1310 / 1550 nm
Fiber type	Single mode
Min. Insertion Loss (IL)	<0.5 dB
Typical Max Attenuation	20* / 40 dB
Min. Return Loss	45 dB (PC Polishing)
Fly cord length	Typical 0.5 m
Durability (500 mating)	0.2dB Max.
Operating / Storage Temperature	-20°C ~ +75°C / -40°C ~ +85°C
Relative humidity	95%

*Engraved scale is calibrated at 1310nm.

ORDERING INFORMATION

Description	Part number
Option, In-Line Adjustable Attenuator, SM, SC/PC	OPT716-SC
Option, In-Line Adjustable Attenuator, SM, SC/APC	OPT716-SCAPC
Option, In-Line Adjustable Attenuator, SM, LC/PC	OPT716-LC
Option, In-Line Adjustable Attenuator, SM, LC/APC	OPT716-LCAPC

STANDARD ACCESSORIES

Description	Quantity			
	OPT716-SC	OPT716-SCAPC	OPT716-LC	OPT716-LCAPC
Through adaptor SC/SC	2	2	-	-
Through adaptor SC/LC	2	2	-	-
Through adaptor LC/LC	-	-	2	2
Hex / Allen key	1	1	1	1

OPTIONAL SC TYPE HYBRID ADAPTORS

Description	Part number	Description	Part number
Option, Hybrid Adaptor, Ceramic Sleeve, SC/FC	OPT051	Option, Hybrid Adaptor, Ceramic Sleeve, SC/E2000	OPT060
Option, Hybrid Adaptor, Ceramic Sleeve, SC/LC, metal body	OPT076	Option, Hybrid Adaptor, Ceramic Sleeve, SC/E2000 Green	OPT060G
Option, Hybrid Adaptor, Ceramic Sleeve, SC/ST	OPT040	Option, Hybrid Adaptor, Ceramic Sleeve, SC/Universal 1.25 mm	OPT084
Option, Hybrid Adaptor, Ceramic Sleeve, SC/D4	OPT055	Option, Hybrid Adaptor, Ceramic Sleeve, SC/Universal 2.5 mm	OPT081
Option, Hybrid Adaptor, Ceramic Sleeve, SC/MU	OPT080	Option, Hybrid Adaptor, Metal Sleeve, SC/SMA 905/906	OPT082
Option, Hybrid Adaptor, Ceramic Sleeve, SC/LSA-DIN47256	OPT071	Option, Hybrid Adaptor, Ceramic Sleeve, SC/F3000 or LC Simplex, plastic body	OPT072

AUTHORIZED DEALER