



## FIBRE OPTIC ATTENUATORS

Phoenix offer an extensive range of fibre optic attenuators.

Fibre Optic attenuators feature a proprietary type of medal-ion doped fibre, which reduces the light signal as it passes through providing the highest performance in the 1310, C and L banks. These quality attenuators are capable of withstanding over 1W of high power light exposure for extended periods of time. These attenuators provide excellent optical characteristics including Low Polarization Dependent Loss (PDL) and a stable and independent wavelength distribution.

### Specification

Type : UPC

Insertion Loss :  $\pm 0.7$ db

Return Loss : 55db

Durability : 500 matings (approx)

Temperature Cycling : -40C ~ 80C (42 cycles)

Humidity Cycling : 75C, 95% / 336 Hr

Vibration : 10 ~ 55Hz (2Hr)

Impact : 1.5m drop, 8 cycles



Description	Product Code	Description	Product Code
<b>LC ATTENUATOR MALE TO FEMALE</b>		<b>MU ATTENUATOR MALE TO FEMALE</b>	
Attenuator, LC, Male to Female 1db	ATT-LC-01	Attenuator, MU, Male to Female 1db	ATT-MU-01
Attenuator, LC, Male to Female 2db	ATT-LC-02	Attenuator, MU, Male to Female 2db	ATT-MU-02
Attenuator, LC, Male to Female 3db	ATT-LC-03	Attenuator, MU, Male to Female 3db	ATT-MU-03
Attenuator, LC, Male to Female 5db	ATT-LC-05	Attenuator, MU, Male to Female 5db	ATT-MU-05
Attenuator, LC, Male to Female 10db	ATT-LC-10	Attenuator, MU, Male to Female 10db	ATT-MU-10
Attenuator, LC, Male to Female 15db	ATT-LC-15	Attenuator, MU, Male to Female 15db	ATT-MU-15
Attenuator, LC, Male to Female 20db	ATT-LC-20	Attenuator, MU, Male to Female 20db	ATT-MU-20
Attenuator, LC, Male to Female 25db	ATT-LC-25	Attenuator, MU, Male to Female 25db	ATT-MU-25
<b>SC ATTENUATOR MALE TO FEMALE</b>		<b>FC ATTENUATOR MALE TO FEMALE</b>	
Attenuator, SC, Male to Female 1db	ATT-SC-01	Attenuator, FC, Male to Female 1db	ATT-FC-01
Attenuator, SC, Male to Female 2db	ATT-SC-02	Attenuator, FC, Male to Female 2db	ATT-FC-02
Attenuator, SC, Male to Female 3db	ATT-SC-03	Attenuator, FC, Male to Female 3db	ATT-FC-03
Attenuator, SC, Male to Female 5db	ATT-SC-05	Attenuator, FC, Male to Female 5db	ATT-FC-05
Attenuator, SC, Male to Female 10db	ATT-SC-10	Attenuator, FC, Male to Female 10db	ATT-FC-10
Attenuator, SC, Male to Female 15db	ATT-SC-15	Attenuator, FC, Male to Female 15db	ATT-FC-15
Attenuator, SC, Male to Female 20db	ATT-SC-20	Attenuator, FC, Male to Female 20db	ATT-FC-20
Attenuator, SC, Male to Female 25db	ATT-SC-25	Attenuator, FC, Male to Female 25db	ATT-FC-25
<b>ST ATTENUATOR MALE TO FEMALE</b>		<b>ST ATTENUATOR MALE TO MALE</b>	
Attenuator, ST, Male to Female 1db	ATT-ST-01	Attenuator, ST, Male to Male 1db	ATT-ST-01M
Attenuator, ST, Male to Female 2db	ATT-ST-02	Attenuator, ST, Male to Male 2db	ATT-ST-02M
Attenuator, ST, Male to Female 3db	ATT-ST-03	Attenuator, ST, Male to Male 3db	ATT-ST-03M
Attenuator, ST, Male to Female 5db	ATT-ST-05	Attenuator, ST, Male to Male 5db	ATT-ST-05M
Attenuator, ST, Male to Female 10db	ATT-ST-10	Attenuator, ST, Male to Male 10db	ATT-ST-10M
Attenuator, ST, Male to Female 15db	ATT-ST-15	Attenuator, ST, Male to Male 15db	ATT-ST-15M
Attenuator, ST, Male to Female 20db	ATT-ST-20	Attenuator, ST, Male to Male 20db	ATT-ST-20M
Attenuator, ST, Male to Female 25db	ATT-ST-25	Attenuator, ST, Male to Male 25db	ATT-ST-25M