



Product Description

BCP™ fibre attenuators are used for the reduction of power level in an optical signal – either in an optical fibre or in free space. The basic types that we sell are fixed, step-wise variable and continuously variable.

Features & Benefits

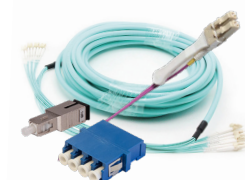
- Conforms IEC Standard 61754-4
- SC, LC, ST, FC and MU connectors available
- Single-mode and multimode fibre types
- Low insertion loss (IL)
- Plastic and metal housings available
- RoHS compliant materials

Applications

- Data centres
- Telecom
- CATV - cable television
- FTTH

Technical Specifications

Operating Temperature	-40°C to 70°C
Storage Temperature	-40°C to 80°C
Attenuation Level (dB)	1-9 or 10-20
Tolerance (dB)	±0.5 (1-9), ±5% (10-20)
Polarisation Dependent Loss (dB)	≤0.5
Back Reflection (dB)	≤50 (UPC), ≤60 (APC)



Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Connector Type		Attenuator Type		Attenuation		Options*	
B/ST	ST	FX	Fixed	1D	1 dB	/MS	Metal
B/SC	SC	VHA	Variable Hand	3D	3 dB	/SA	Shuttered (LC/SC only)
B/MU	MU	VSA	Variable Screw	5D	5 dB		
B/LC	LC	DFA	Dual Fixed	7D	7 dB		
B/FC	FC	DVHA	Dual Variable Hand	10D	10 dB		
B/E2	E2000	DVSA	Dual Variable Screw	15D	15 dB		
				20D	20 dB		
▲		▲		▲		▲	
B/ST	U	FX	FM	7D	S	/MS	
▼		▼		▼			
Unpolished	U	Female to Male	FM	Single-mode	S		
Angled	A	Female to Female	FF	Multimode	M		
Polish Type		Male/Female		Fibre Type			

*Leave column blank if not required.

Example Part Number	
Description	Part Number
BCP ST UPC Fixed Female to Male 7dB Single-mode Fibre Optic Attenuator - Metal	B/STUFXFM7DS/MS