



flawless fusion with infinite possibilities

**SIFAM**  
FIBRE OPTICS

SIFAM's PM and High Power connector products facilitate the use of PM fibre and high optical power in a wide range of applications. These include pump combiners, optical amplifiers, polarisation-based modulators and high bit-rate systems.

Available as connectors or patchcords, they are manufactured and tested to the most rigorous industry standards. Optical and mechanical performance meets Telcordia and IEC specifications.

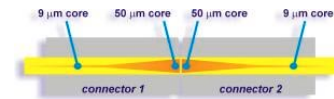
**Key Features:**

- Zirconia ceramic ferrule
- NTT-FC compatible
- Small form factor
- Foolproof design

**Applications:**

- Telecommunication
- Pump combiners
- Optical amplifiers
- Polarisation modulators
- High bit-rate systems

## PM and High Power Connectors and Patchcords



**High Power Connectors**



**FC/UPC, FC/APC**



**SC/UPC, SC/APC**



**MU/UPC, MU/APC**



**LC/UPC, LC/APC**

**PM Connectors**

End Face	UPC	APC	Unit
Insertion Loss	≤ 0.3 (typical 0.15)		dB
Return Loss	≥ 50 (typical 55)	> 60 (typical 68)	dB
Extinction ratio	≥ 27 (typical 30)		dB
Repeatability (500 matings)	± 0.2		dB
Connector type	<b>FC, SC, LC, MU</b>		
Operational temperature	-40 to 70		°C
Storage temperature	-40 to 80		°C

**High Power Connectors**

End Face	UPC	APC	Unit
Signal power	2000		mW
Insertion Loss	≤ 0.3 (typical 0.15)		dB
Return Loss	≥ 50 (typical 55)	≥ 60 (typical 68)	dB
Repeatability (500 matings)	± 0.2		dB
Connector type	<b>FC, SC, LC, MU</b>		
Operational temperature	-40 to 70		°C
Storage temperature	-40 to 80		°C

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As part of our policy of continuous product improvement we reserve the right to change specifications at any time

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