

FIBRE OPTIC QUICK CONNECTS



PRODUCT DESCRIPTION

Severedge Fibre Optic Quick Connects are designed to allow fast, on-site termination of fibre optic cable. Quick Connects require no power, glues or polishing to terminate and are simple to complete.

Offering factory polished ferrules and a unique cord retention system, Quick Connects offer excellent performance and reliability.

APPLICATIONS

- Fibre optic telecommunications networks
- Fibre distribution frames
- FTTx outlets and lead in assemblies
- Optical cable interconnection
- CATv Networks

PRODUCT FEATURES

- Quick and efficient field fibre termination
- Connectors can be re-used multiple times
- Excellent machine polished ferrules providing exceptional optical characteristics
- Simple assembly process requiring only limited tools
- Range of different connectors to suit a variety of cord types and fibre modes
- Avoids the requirement for costly splicing or termination equipment
- Integrates seamlessly with factory terminations

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TECHNICAL SPECIFICATIONS	
Typ. insertion loss (dB)	0.3
Max. insertion loss (dB)	0.5
Return loss (dB)	PC: ≥ 50 APC: ≥ 60
Operating temp (°C)	-40 to +70
Connector durability	≤ 0.3 dB change, 500 connections
Tension performance	≤ 0.2 dB change, 19.6 N max. (2 & 3mm type) ≤ 0.2 dB change, 7.3 N max. (250 & 900um type)
Vibration performance	< 0.2 dB change, 10-55Hz, 0.75 amplitude
Temperature performance	≤ 0.3 dB change, -40°C to +70°C, 21 cycles
Applicable standards	ST Connectors: TIA/EIA 604-2 SC Connectors: TIA/EIA 604-3 LC Connectors: TIA/EIA 604-10