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fibresales Fibre Optic Reference Cables Kits



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fibresales Reference Cable Kits are designed for accurate and reliable optical performance testing. Each kit contains high-quality reference cables that ensure consistent and repeatable measurements for insertion loss, return loss, and other fibre optic testing requirements.

Applications:

- Optical loss testing using Optical Power Meters and Light Sources (OPM/OLS)
- Certification of fibre optic links for telecommunications and data communications
- Equipment calibration and troubleshooting
- Fibre-to-the-Home (FTTH) network installations
- Lab testing and research environments

Features and Benefits:

- **High-Quality Fibre:** Utilises premium-grade single-mode or multimode fibre for precision testing.
- **Precision Performance:** Low-loss and low-reflectance connectors for accurate measurements.
- **Wide Compatibility:** Supports single mode (SM) and multimode (MM) testing applications.
- **Standard Length Options:** Available in 1m, 2m, and custom lengths to suit various testing setups.
- **Single Mode:** SC/SC, SC/LC, LC/LC, LC/LCA, SCA/SCA, SCA/LCA, ST/SC
Multimode: OM1, OM3 - OM4: SC/SC, SC/LC, LC/LC, ST/SC

Specifications

- **Cable Diameter:** 2.0 mm or 3.0 mm
- **Connector Polish:** APC (for SM) and UPC (for SM/MM)
- **Insertion Loss:** < 0.2 dB (typical)
- **Return Loss:** > 55 dB (SM UPC); > 65 dB (SM APC); > 30 dB (MM UPC)
- **Operating Temperature:** -20°C to 70°C
- **Storage Temperature:** -40°C to 85°C

Customisation Options

fibresales offers tailored solutions to meet unique testing needs. Custom cable lengths, connector types, and fibre grades are available upon request.

Ordering Code:

RCK-xxx Reference Cable Kit

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