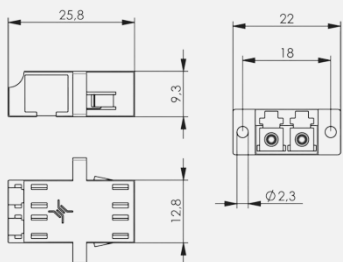


SCHNELL MULTI MODE DUPLEX FIBRE OPTIC ADAPTOR

SCHNELL Multimode Duplex Fiber Optic Adaptors provide precise and reliable connectivity for OM1, OM2, OM3 & OM4 multimode networks. Available in LC and SC configurations, they feature high-quality alignment sleeves, low insertion loss, and robust thermoplastic housings. Designed for duplex connections, they ensure stable performance in patch panels and equipment ports.



DIAGRAM & CONSTRUCTION

Connector Type	: SC/PC Duplex, LC/PC Duplex		Color	: Blue (standard for single mode)
Sleeve Type	: Zirconia Ceramic		Mounting Type	: Snap-in, flange or no-flange
Body Material	: High-strength Thermoplastic Resin		Durability	: > 1000 Mating Cycles

OPTICAL CHARACTERISTICS

Insertion Loss	: ≤ 0.20 dB (Typical), ≤ 0.30 dB (Max)
Return Loss	: ≥ 50 dB (UPC polish)
Repeatability	: ≤ 0.20 dB
Interchangeability	: ≤ 0.20 dB
Durability	: ≥ 1000 Mating Cycles

PHYSICAL CHARACTERISTICS

Operating Temperature	: -40°C to +75°C
Storage Temperature	: -40°C to +85°C
Compliance	: RoHS & REACH Compliant

KEY FEATURES

- High repeatability and interchangeability
- Zirconia/Phosphor bronze alignment sleeve for stable connection
- Color-coded housing for fiber type identification
- Snap-fit mount compatible with standard adapter panels

KEY APPLICATIONS

- Data centers and enterprise networks
- LAN/WAN backbone fiber systems
- Telecommunication equipment connections
- Indoor fiber distribution frames and enclosures

REACTION TO FIRE

UL 94V-0	: Flame-retardant plastic housing
IEC 61300-2-19	: Thermal & mechanical shock resistance

STANDARDS

- IEC 61754-20 (LC), IEC 61754-4 (SC)
- ISO/IEC 11801
- EN 50173, TIA/EIA-568
- RoHS and REACH Compliant

PART NUMBER

Part Number	Description
SCZ-7010LMA	SCHNELL LC MULTI MODE DUPLEX ADAPTOR
SCZ-7010SMA	SCHNELL SC MULTI MODE DUPLEX ADAPTOR

