

SC Fibre Patch Cords

The Simplex and Duplex SC Fibre Patch Cords are 3.0mm cordage with push-pull SC connectors terminated on each end. These patch cords are available in Simplex, Duplex, Multi-Mode and Single-Mode configurations.

PHYSICAL SPECIFICATIONS

Coated Fibre Diameter	250µm
Cable Outside Diameter	Simplex: 3.0mm; Duplex: 6.6mm x 3.6mm
Min. Bend Radius	3.8cm

OPTICAL SPECIFICATIONS

Multi-Mode	
Min. Bandwidth @850nm	200MHz-km
@1300nm	500MHz-km
Single-Mode	
Average Loss	0.3dB/mated connector
Return Loss	-50dB max.

MECHANICAL CHARACTERISTICS

Connector	
Ferrule Materials	Zirconia Ceramic
Housing Body	Engineered Resin
Cable	
Boot	Thermoplastic Elastomer
Flammability	UL 94V-0
Glass Core/Cladding Diameter	Single-Mode (SM) 9/125µm Multi-Mode (MM) 50/125µm or 62.5/125µm
Polymer Coating Diameter	125µm
Jacket Specification	OFNR/LSZH

PERFORMANCE

Connector	SC
Mean Insertion Loss	0.2dB
Maximum Insertion Loss	0.4dB
Maximum Reflection	-50dB (SM)/-25dB (MM)
Connector Durability (500 matings)	<0.2dB max.
Cable	50 (MM)
Cable Attenuation @ 23 °C Typical	3.5dB/km (SM)/1.5dB/km (MM)

ENVIRONMENTAL

Operating Temperature Range	0 °C to 70 °C
Storage Temperature Range	-10 °C to 75 °C



TFP1C3S19S05

PRODUCT FEATURES

- Meets ANSI/TIA/EIA 568-B.3 and ISO/IEC 11801 Standards.
- Patch cords are available in Simplex, Duplex, Single-Mode and Multi-Mode configurations with different length options.
- Cords are easy-to-install and environmentally stable.

CUSTOMER BENEFITS

- Supports LAN, WAN and active device termination.
- All cords are factory terminated and tested.
- Provides a reliable and durable connection solution.

SC Fibre Patch Cords

CATALOGUE NUMBER DESCRIPTION

Simplex OS1, Single-Mode

TFP1C3S19S05	SC, Simplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 0.5m
TFP1C3S19S10	SC, Simplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 1.0m
TFP1C3S19S15	SC, Simplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 1.5m
TFP1C3S19S20	SC, Simplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 2.0m
TFP1C3S19S30	SC, Simplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 3.0m
TFP1C3S19S50	SC, Simplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 5.0m
TFP1C3S19S100	SC, Simplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 10.0m

Duplex OS1, Single-Mode

TFP2C3S19S05	SC, Duplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 0.5m
TFP2C3S19S10	SC, Duplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 1.0m
TFP2C3S19S15	SC, Duplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 1.5m
TFP2C3S19S20	SC, Duplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 2.0m
TFP2C3S19S30	SC, Duplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 3.0m
TFP2C3S19S50	SC, Duplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 5.0m
TFP2C3S19S100	SC, Duplex, OS1, Single-Mode, 9/125µm, Fibre Patch Cord, 10.0m

Duplex OM1, Multi-Mode

TFP2C3M16M05	SC, Duplex, OM1, Multi-Mode, 62.5/125µm, Fibre Patch Cord, 0.5m
TFP2C3M16M10	SC, Duplex, OM1, Multi-Mode, 62.5/125µm, Fibre Patch Cord, 1.0m
TFP2C3M16M15	SC, Duplex, OM1, Multi-Mode, 62.5/125µm, Fibre Patch Cord, 1.5m
TFP2C3M16M20	SC, Duplex, OM1, Multi-Mode, 62.5/125µm, Fibre Patch Cord, 2.0m
TFP2C3M16M30	SC, Duplex, OM1, Multi-Mode, 62.5/125µm, Fibre Patch Cord, 3.0m
TFP2C3M16M50	SC, Duplex, OM1, Multi-Mode, 62.5/125µm, Fibre Patch Cord, 5.0m
TFP2C3M16M100	SC, Duplex, OM1, Multi-Mode, 62.5/125µm, Fibre Patch Cord, 10.0m

Simplex OM2, Multi-Mode

TFP1C3M25M05	SC, Simplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 0.5m
TFP1C3M25M10	SC, Simplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 1.0m
TFP1C3M25M15	SC, Simplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 1.5m
TFP1C3M25M20	SC, Simplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 2.0m
TFP1C3M25M30	SC, Simplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 3.0m
TFP1C3M25M50	SC, Simplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 5.0m
TFP1C3M25M100	SC, Simplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 10.0m

Duplex OM2, Multi-Mode

TFP2C3M25M05	SC, Duplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 0.5m
TFP2C3M25M10	SC, Duplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 1.0m
TFP2C3M25M15	SC, Duplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 1.5m
TFP2C3M25M20	SC, Duplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 2.0m
TFP2C3M25M30	SC, Duplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 3.0m
TFP2C3M25M50	SC, Duplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 5.0m
TFP2C3M25M100	SC, Duplex, OM2, Multi-Mode, 50/125µm, Fibre Patch Cord, 10.0m

Simplex OM3, Multi-Mode

TFP1C3M35M05	SC, Simplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 0.5m
TFP1C3M35M10	SC, Simplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 1.0m
TFP1C3M35M15	SC, Simplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 1.5m
TFP1C3M35M20	SC, Simplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 2.0m
TFP1C3M35M30	SC, Simplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 3.0m
TFP1C3M35M50	SC, Simplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 5.0m
TFP1C3M35M100	SC, Simplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 10.0m

Duplex OM3, Multi-Mode

TFP2C3M35M05	SC, Duplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 0.5m
TFP2C3M35M10	SC, Duplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 1.0m
TFP2C3M35M15	SC, Duplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 1.5m
TFP2C3M35M20	SC, Duplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 2.0m
TFP2C3M35M30	SC, Duplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 3.0m
TFP2C3M35M50	SC, Duplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 5.0m
TFP2C3M35M100	SC, Duplex, OM3, Multi-Mode, 50/125µm, Fibre Patch Cord, 10.0m