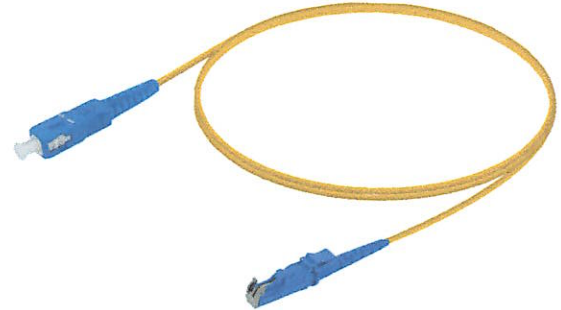


Simplex Single Mode Patch Cord

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
FC Connector Compliance	IEC 61754-13, TIA 604-4-A, RoHS
ST Connector Compliance	IEC 61754-2, TIA 604-2, RoHS
LSH Connector Compliance	IEC 61754-15, TIA 604-16, RoHS
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 500 matings



Optical Performance

Insertion Loss IEC 61300-3-4 Method B	Single Mode ≤ 0.30dB
Return Loss IEC61300-3-6 Method B	Single Mode UPC: ≥ 50dB Single Mode APC: ≥ 60dB

End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35

Cable Specifications

- 1 core simplex fiber optic cable
- 1.8 mm - 2.0 mm - 2.7 mm diameter options
- Length tolerance is ± 50 mm
- Max. Tensile Strength:
For 1.8 mm - 2.0 mm is 150 N
For 2.7 mm is 300 N
- Min. Bending Radius 25 mm
- Cable Color: Yellow



SC
UPC

SC
APC

LC
UPC

LC
APC

LSH
UPC

LSH
APC

FC
UPC

FC
APC

ST
UPC

Türksat Coding

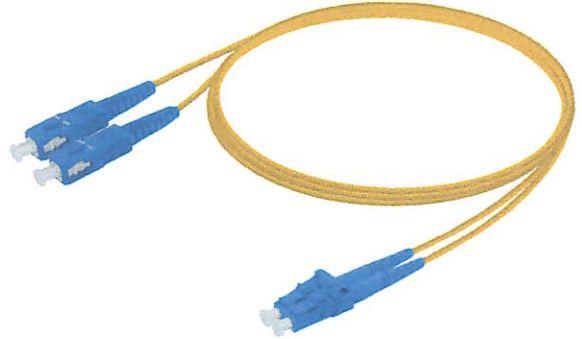
TKS-FOM-64	I-PC-01-SX-020-A2-SA-SA-015M
TKS-FOM-65	I-PC-01-SX-020-A2-SA-SA-020M
TKS-FOM-66	I-PC-01-SX-020-A2-SA-SA-030M
TKS-FOM-67	I-PC-01-SX-020-A2-LA-LA-005M
TKS-FOM-68	I-PC-01-SX-020-A2-LA-LA-010M
TKS-FOM-69	I-PC-01-SX-020-A2-SA-LA-002M
TKS-FOM-70	I-PC-01-SX-020-A2-SA-LA-005M
TKS-FOM-71	I-PC-01-SX-020-A2-SA-LA-010M
TKS-FOM-72	I-PC-01-SX-020-A2-SA-LA-015M
TKS-FOM-73	I-PC-01-SX-020-A2-SA-LA-020M

TKS-FOM-74	I-PC-01-SX-020-A2-SA-LA-030M
TKS-FOM-83	I-PC-01-SX-020-A2-SC-SA-001M
TKS-FOM-84	I-PC-01-SX-020-A2-SC-SA-003M
TKS-FOM-85	I-PC-01-SX-020-A2-SC-SA-005M
TKS-FOM-86	I-PC-01-SX-020-A2-SC-SA-010M
TKS-FOM-87	I-PC-01-SX-020-A2-SC-SA-015M
TKS-FOM-88	I-PC-01-SX-020-A2-SC-SA-020M
TKS-FOM-89	I-PC-01-SX-020-A2-SC-SA-025M
TKS-FOM-90	I-PC-01-SX-020-A2-SC-SA-030M

Duplex Single Mode Patch Cord

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
FC Connector Compliance	IEC 61754-13, TIA 604-4-A, RoHS
ST Connector Compliance	IEC 61754-2, TIA 604-2, RoHS
LSH Connector Compliance	IEC 61754-15, TIA 604-16, RoHS
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 500 matings



Optical Performance

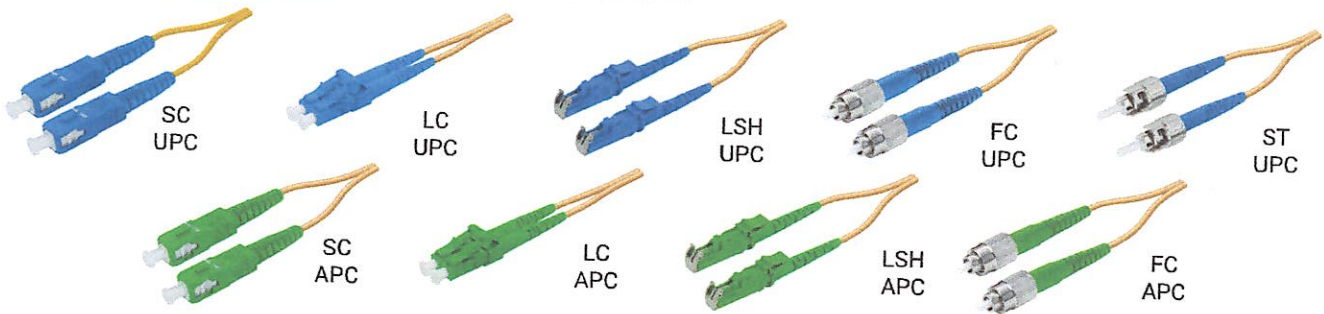
Insertion Loss IEC 61300-3-4 Method B	Single Mode ≤ 0.30 dB
Return Loss IEC61300-3-6 Method B	Single Mode UPC: ≥ 50 dB Single Mode APC: ≥ 60 dB

End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35

Cable Specifications

- 2 cores duplex fiber optic cable
- 1.8x3.7 mm - 2.0x4.1 mm diameter options
- Length tolerance is ± 50 mm
- Max. Tensile Strength is 300 N
- Min. Bending Radius is 25 mm
- Cable Color: Yellow



Türksat Coding

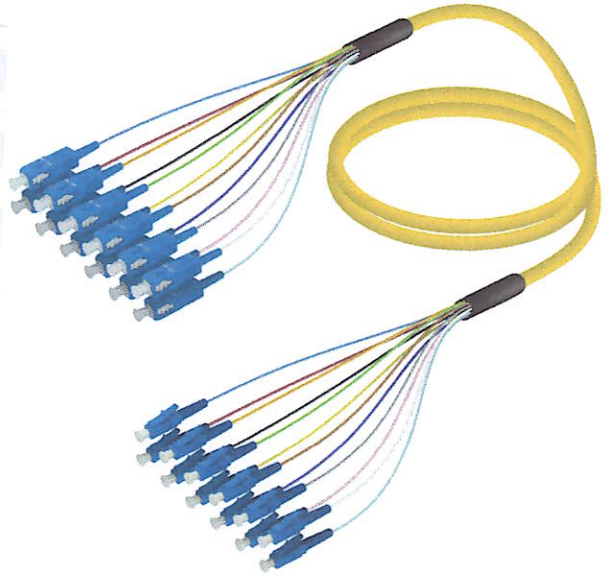
TKS-FOM-76	I-PC-02-DX-020-A2-LC-LC-005M
TKS-FOM-77	I-PC-02-DX-020-A2-LC-LC-007M
TKS-FOM-78	I-PC-02-DX-020-A2-LC-LC-010M
TKS-FOM-79	I-PC-02-DX-020-A2-LC-LC-015M
TKS-FOM-80	I-PC-02-DX-020-A2-LC-LC-020M
TKS-FOM-81	I-PC-02-DX-020-A2-LC-LC-025M
TKS-FOM-82	I-PC-02-DX-020-A2-LC-LC-030M
TKS-FOM-91	I-PC-02-DX-020-A2-SA-LC-003M
TKS-FOM-92	I-PC-02-DX-020-A2-SA-LC-005M
TKS-FOM-93	I-PC-02-DX-020-A2-SA-LC-010M

TKS-FOM-94	I-PC-02-DX-020-A2-SA-LC-015M
TKS-FOM-95	I-PC-02-DX-020-A2-SA-LC-020M
TKS-FOM-96	I-PC-02-DX-020-A2-SA-LC-025M
TKS-FOM-97	I-PC-02-DX-020-A2-SA-LC-030M
TKS-FOM-98	I-PC-02-DX-020-A2-SC-LC-005M
TKS-FOM-99	I-PC-02-DX-020-A2-SC-LC-010M
TKS-FOM-100	I-PC-02-DX-020-A2-SC-LC-015M
TKS-FOM-101	I-PC-02-DX-020-A2-SC-LC-020M
TKS-FOM-102	I-PC-02-DX-020-A2-SC-LC-025M
TKS-FOM-103	I-PC-02-DX-020-A2-SC-LC-030M

12 Fibers Single Mode Mini Breakout

Connector Specifications

LC Connector Compliance	IEC 61754-20, TIA 604-10-A, RoHS
SC Connector Compliance	IEC 61754-4, TIA 604-3, RoHS
One Side Connector Count	12 Connectors
Alignment Technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 500 matings

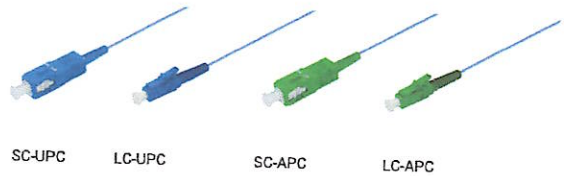


Optical Performance

Insertion Loss IEC 61300-3-4 Method B	Single Mode $\leq 0.30\text{dB}$
Return Loss IEC61300-3-6 Method B	Single Mode UPC: $\geq 50\text{dB}$ Single Mode APC: $\geq 60\text{dB}$

End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1 APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35

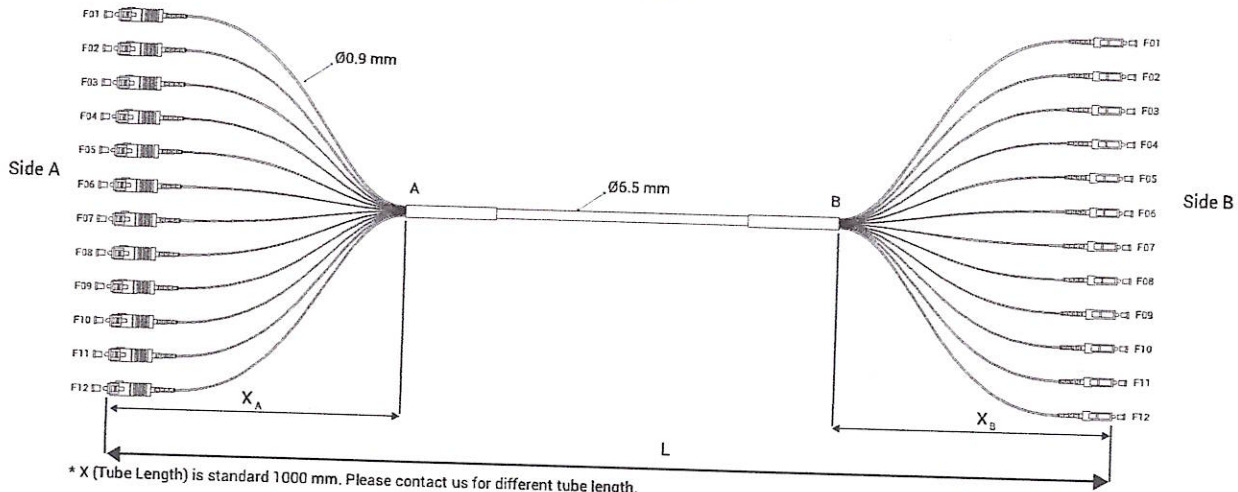


Türksat Coding

TKS-FOM-104	I-PC-12-MB-065-A2-xx-xx-005M
TKS-FOM-105	I-PC-12-MB-065-A2-xx-xx-006M
TKS-FOM-106	I-PC-12-MB-065-A2-xx-xx-008M
TKS-FOM-107	I-PC-12-MB-065-A2-xx-xx-010M
TKS-FOM-108	I-PC-12-MB-065-A2-xx-xx-015M
TKS-FOM-109	I-PC-12-MB-065-A2-xx-xx-020M
TKS-FOM-110	I-PC-12-MB-065-A2-xx-xx-025M

Cable Specifications

- 12 core riser fiber optic cable
- Cable Diameter: 6.5mm / Sub-unit Diameter: 0.9mm
- Length tolerance is ± 50 mm
- Max. Tensile Strength: 800N
- Min. Bending Radius 65 mm
- Cable Color: Yellow



* X (Tube Length) is standard 1000 mm. Please contact us for different tube length.