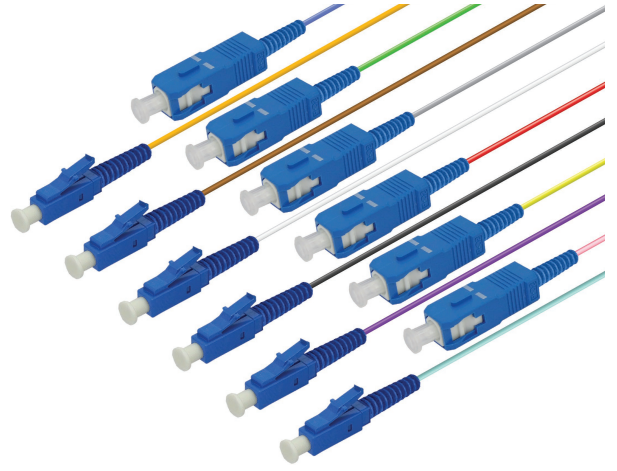


## Single Mode Pigtails

### 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 <sub>2</sub> )
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 500 matings



### Optical Performance

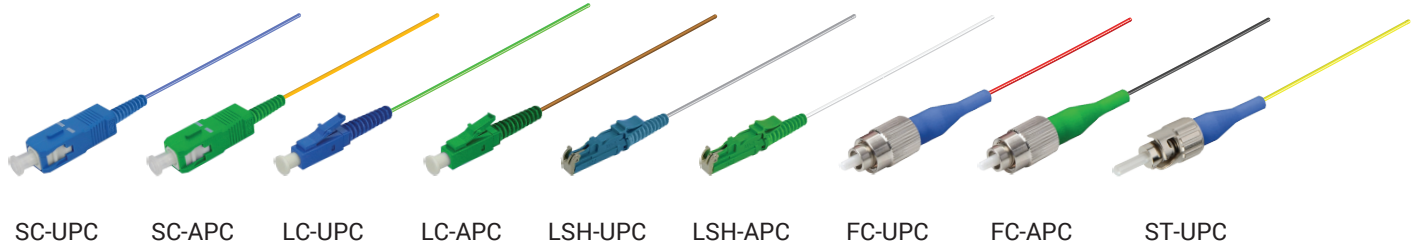
Insertion Loss IEC 61300-3-4 Method B	Single Mode ≤ 0.30dB
Return Loss IEC61300-3-6 Method B	Single Mode UPC: ≥ 50dB Single Mode APC: ≥ 60dB

### Cable Specifications

- 900µm with tight or semi-tight options
- Tight stripping length is up to 3 cm
- Semi-tight stripping length is up to 100-150 cm
- Length tolerance is ± 25 mm
- Color abbreviations according to IEC 6075

### Endface Control Parameters

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



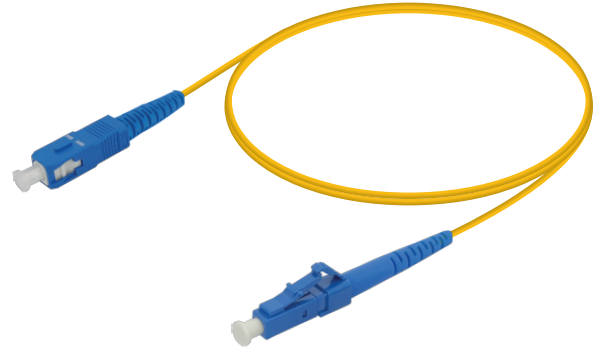
### Order Coding

Türksat Code	Product Code	Product Description
TKS-FOM-15	I-PT-01-SB-009-A2-SA-003M	Pigtail SC/APC, SM, Simplex, L=3M
TKS-FOM-28	I-PT-01-SB-xxx-xx-xx-xxxM-ARM	Armoured Pigtail
TKS-FOM-32	I-PT-01-SB-009-A2-SA-001M	Pigtail SC/APC, SM, Simplex, L=1M

## 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 <sub>2</sub> )
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.1dB typical change for > 500 matings



### Optical Performance

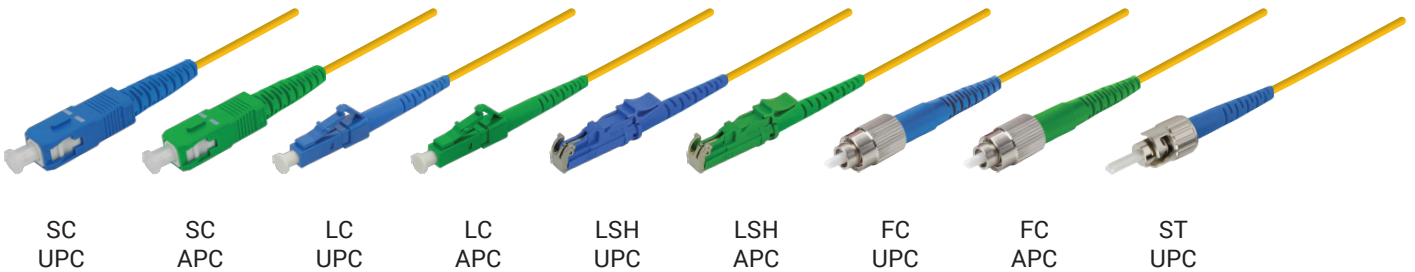
Insertion Loss IEC 61300-3-4 Method B	Single Mode ≤ 0.30dB
Return Loss IEC61300-3-6 Method B	Single Mode UPC: ≥ 50dB Single Mode APC: ≥ 60dB

### Endface 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 is Yellow



## Order Coding

Türksat Code	Product Code	Product Description
TKS-FOM-09	I-PC-01-SX-020-A2-SA-SA-003M	Patchcord, SC/APC to SC/APC, SM, Simplex L=3M
TKS-FOM-10	I-PC-01-SX-020-A2-SA-SA-005M	Patchcord, SC/APC to SC/APC, SM, Simplex L=5M
TKS-FOM-11	I-PC-01-SX-020-A2-SA-SA-010M	Patchcord, SC/APC to SC/APC, SM, Simplex L=10M
TKS-FOM-12	I-PC-01-SX-020-A2-SA-EA-003M	Patchcord, SC/APC to E2000,SM, Simplex L=3M
TKS-FOM-13	I-PC-01-SX-020-A2-SA-EA-005M	Patchcord, SC/APC to E2000,SM, Simplex L=5M
TKS-FOM-14	I-PC-01-SX-020-A2-SA-EA-010M	Patchcord, SC/APC to E2000,SM, Simplex L=10M
TKS-FOM-30	I-PC-01-SX-020-A2-SA-SA-001M	Patchcord, SC/APC to SC/APC, SM, Simplex L=1M
TKS-FOM-31	I-PC-01-SX-020-A2-SA-EA-001M	Patchcord, SC/APC to E2000,SM, Simplex L=1M
TKS-FOM-42	I-PC-01-SX-020-A2-SA-LA-001M	Patchcord, SC/APC to LC/APC, SM, Simplex L=1M
TKS-FOM-43	I-PC-01-SX-020-A2-LA-LA-001M	Patchcord, LC/APC to LC/APC, SM, Simplex L=1M
TKS-FOM-44	I-PC-01-SX-020-A2-SA-LA-003M	Patchcord, SC/APC to LC/APC, SM, Simplex L=3M
TKS-FOM-45	I-PC-01-SX-020-A2-LA-LA-003M	Patchcord, LC/APC to LC/APC, SM, Simplex L=3M
TKS-FOM-53	I-PC-01-SX-020-A2-SA-SA-000.25M	Patchcord, SC/APC to SC/APC, SM, Simplex L=0.25M
TKS-FOM-54	I-PC-01-SX-020-A2-SA-SA-000.5M	Patchcord, SC/APC to SC/APC, SM, Simplex L=0.5M
TKS-FOM-55	I-PC-01-SX-020-A2-SA-SA-002M	Patchcord, SC/APC to SC/APC, SM, Simplex L=2M
TKS-FOM-27	I-PC-01-SX-xxx-xx-xx-xx-xxxM	Armoured Patchcord