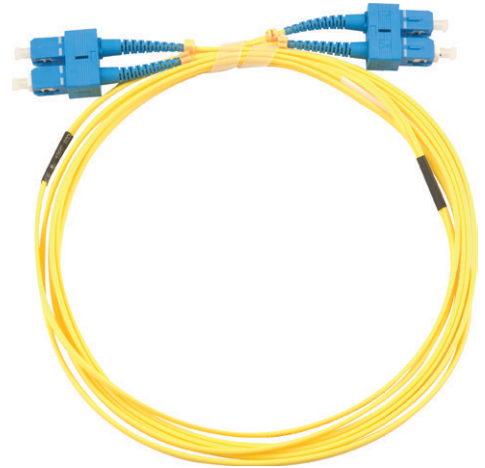


# Patch Cords

## For Data Environments

Singlemode Patch Cords are used for telecom network and also used for high speed metropolitan and access network. Our Singlemode Patch Cords are manufactured using LSZH and PVC cables which conform to IEC, EIA TIA and Telcordia standards. OS1 /OS2 Patch Cords are terminated with our standart connector which gives optimum optical performance.



9/125 (OS1-OS2)



## Features

- ✓ SC, LC, ST, FC, MU and E2000 connectors
- ✓ LSZH or PVC yellow colour cable
- ✓ 900µm tight buffer
- ✓ OS1/OS2 fibre conforms to ITU-652.D, TIA/EIA 492 CAAA
- ✓ Simplex and duplex assemblies
- ✓ Duplex assemblies available with clips (SC and LC)
- ✓ Different connector performance range for specific application

## Applications

- ✓ CATV / VIDEO
- ✓ Passive Optical Network PON
- ✓ WDM / DWDM
- ✓ FTTH
- ✓ Data centers - Support high speed multi channel video, data and voice services in metropolitan and access networks
- ✓ ATM, SONET and WDM

## Connector Specification

Optical Performance	Singlemode	Conformance
IL Max/Master (Acceptance)	0.20 dB	IEC 61300-3-4
Ave/Master	0.18 dB	IEC 61300-3-4
Ave/Random	0.18 dB	IEC 61300-3-34
Return Loss UPC/APC	55/65 dB	IEC 61300-3-6

## Fibre Specification

Characteristics	
Attenuation (dB) / km	0.35 @ 1310nm / 0.20 @ 1550nm
Chromatic Dispersion (ps/nm x km)	3.5 @ 1310nm / 17.0 @ 1550nm

## Cable Specification

Characteristics	Simplex	Duplex
Cable Material	LSZH and PVC	LSZH and PVC
Strength Member	Aramid	Aramid
Crush (N)	1000	1000
Operating Temperature (°C)	-20 to 60	-20 to 60



For part number generator see page 12

## Patch Cords Part Number Generator

Product Name	Connector End A		Connector End B		Mode		Configuration		Diameter		Colour		Lenght	
Patchcord PCH	FC	FC	FC	FC	OS1/OS2	OS	SX LSZH	SLZ	1,8 mm	18	YELLOW	YE	1 M	01
	FC/APC	FCA	FC/APC	FCA	OM1	M1	DX LSZH	DLZ	2,0 mm	20	ORANGE	OR	2 M	02
	SC	SC	SC	SC	OM2	M2	FLAT LSZH	FLZ	2,4 mm	24	AQUA	AQ	3 M	03
	SC/APC	SCA	SC/APC	SCA	OM3	M3	SX PVC	SPV	3,0 mm	30	VIOLET	VI	5 M	05
	ST	ST	ST	ST	OM4	M4	DX PVC	DPV					10 M	10
	ST/APC	STA	ST/APC	STA			FLAT PVC	FPV					XX M	XX
	LC	LC	LC	LC										
	LC/APC	LCA	LC/APC	LCA										
	MU	MU	MU	MU										
	MU/APC	MUA	MU/APC	MUA										
	E2000	E2	E2000	E2										
	E2000/APC	E2A	E2000/APC	E2A										

**Example Part Number: PCH SC SC M1 SLZ 20 OR 05**

Will configure an OM1 SC to SC 2mm diameter cable simplex patch cord in orange 5 meters long.

SIRA NO	ÜRÜN TANIMI	TURKSAT TKS KODU	MARKA	MODEL/TİP
1	PATCHCORD SC/APC TO SC/APC, SM, SIMPLEX L= 3m	TKS-FOM-09	ALFAFONET	PCH-SCASACA2LX20YE-03
2	PATCHCORD SC/APC TO SC/APC, SM, SIMPLEX, L= 5m	TKS-FOM-10	ALFAFONET	PCH-SCASACA2LX20YE-05
3	PATCHCORD SC/APC TO SC/APC, SM, SIMPLEX, L= 10m	TKS-FOM-11	ALFAFONET	PCH-SCASACA2LX20YE-10
4	PATCHCORD SC/APC TO SC/APC, SM, SIMPLEX, L= 1M	TKS-FOM-30	ALFAFONET	PCH-SCASACA2LX20YE-01
5	PATCHCORD LC/APC TO SC/APC, SM SIMPLEX, L= 1M	TKS-FOM-42	ALFAFONET	PCH-LCASC AA2LZ20YE-01
6	PATCHCORD LC/APC TO LC/APC, SM, SIMPLEX, L= 1M	TKS-FOM-43	ALFAFONET	PCH-LCALCAA2LZ20YE-01
7	PATCHCORD LC/APC TO SC/APC, SM, SIMPLEX, L= 3M	TKS-FOM-44	ALFAFONET	PCH-LCASC AA2LZ20YE-03
8	PATCHCORD LC/APC TO LC/APC, SM, SIMPLEX, L= 3M	TKS-FOM-45	ALFAFONET	PCH-LCALCAA2LZ20YE-01
9	PATCHCORD SC/APC TO SC/APC, SM, SIMPLEX, L= 0,25m	TKS-FOM-53	ALFAFONET	PCH-SCASACA2LX20YE-0025
10	PATCHCORD SC/APC TO SC/APC, SM, SIMPLEX, L=0,5m	TKS-FOM-54	ALFAFONET	PCH-SCASACA2LX20YE-005
11	PATCHCORD SC/APC TO SC/APC, SM, SIMPLEX L= 2m	TKS-FOM-55	ALFAFONET	PCH-SCASACA2LX20YE-02