

CODECOM

PATCHCORDS



Codecom Patchcord range is suitable for telecommunication networks, data processing networks, FTTX, FTTH and some critical applications.

The patchcords provide flexible interconnection to active equipment, passive optical devices and cross-connects.

We offers diverse range of single fibre ferrule connectors which are manufactured with precision factory mounting and polishing techniques to assure high transmission quality.

Features

- Conform to IEC, EIA-TIA, and Telcordia performance requirements
- All Assemblies are machine polished providing highest quality
- All Assemblies are factory tested and come with test certificate
- Available in custom length
- RoHS, REACH & SvHC compliant, Materials Conflict compliant

Application

- Telecommunication networks
- Data centers
- FTTX
- Broadband network.
- Fibre-to-the-home

MELBOURNE (Head Office)

1/22 Buchanan Rd Brooklyn
3012 Victoria Australia
Phone: +61 3 9314 4055

QUEENSLAND

11/53 Casua Drive Varsity Lakes
4227 Queensland Australia
Phone: +61 7 5568 0822

HONG KONG

Codecom (Hong Kong) Limited
Unit 503, 5/F, Tower 2, Lippo Centre, 8
9 Queensway, Admiralty, Hong Kong
Tel: 852-2861 0811 Fax: 852-2865 4177



info@codecom.com.au
sales@codecom.com.au
accounts@codecom.com.au
www.codecom.com.au

CONNECTOR SPECIFICATION

Parameters	Units	Parameters	Units	PC	APC
Insertion Loss - Standard	dB ≤ 0.3	ROC -2.5mm	mm	5-30	5-12
Return Loss SM (PC/APC)	dB ≥ 50/60	ROC -1.25mm	mm	5-30	5-12
Insertion Loss - Premium	dB ≤ 0.15	Apex offset	µm	0-70	0-70
Return Loss (PC/APC)	dB ≥ 55/65	Fibre height	nm	-100 - a	-100 - a
		APC angle	degree	-	7.7-8.3

ASSEMBLY PERFORMANCE

Mechanical Properties	Criteria	Effect	Standard
Mechanical Endurance	500 mating	<0.2 dB change	IEC 61300-2-2
Vibration	10-55 Hz, 0.75 amplitude	<0.2 dB change	IEC 61300-2-1
Drop	Drop height 1m, 5 drops	<0.2 dB change	IEC 61300-2-12
Cable Retention	Magnitude 90 N	<0.2 dB change	IEC 61300-2-4
Cable Torsion	1.5kg-2.5 kg for 2mm-3mm cable diameter	<0.2 dB change	IEC 61300-2-5

CABLE CHARACTERISTICS

Cable Characteristics	Units	Simplex	Duplex
Cable Material		LSZH PVC	LSZH or PVC
Strength Member		Aramid	Aramid
Crush	N	1000	1000
Operating Temperature	°C	-20 to 70	-20 to 70
Secondary Buffer Diameter (2&3mm)	µm	900±50	900±50
Minimum Bending Radius	mm	10D (installed) 20D (loaded)	10D (installed) 20D (loaded)

MELBOURNE (Head Office)

1/22 Buchanan Rd Brooklyn
3012 Victoria Australia
Phone: +61 3 9314 4055

QUEENSLAND

11/53 Casua Drive Varsity Lakes
4227 Queensland Australia
Phone: +61 7 5568 0822

HONG KONG

Codecom (Hong Kong) Limited
Unit 503, 5/F, Tower 2, Lippo Centre, 8
9 Queensway, Admiralty, Hong Kong
Tel: 852-2861 0811 Fax: 852-2865 4177



info@codecom.com.au
sales@codecom.com.au
accounts@codecom.com.au
www.codecom.com.au