



## Optical Patchcords Singlemode and Multimode



WAVECOM 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 offer a diverse range of single fiber ferrule connectors which are manufactured with the best precision factory mounting and polishing techniques to assure high transmission quality is met.

### Features & Applications

- Conform to IEC, EIA-TIA, and Telcordia performance requirements.
- All assemblies are machine Polished providing highest quality.
- Available in custom made length and specified fiber glass.
- Available in all the common connector types, standard simplex, duplex, Uniboot and Uniboot quick release pull-tab.
- Armoured patchcord options available.
- All assemblies are factory tested and come with test certificate.
- 1.6mm and 2mm options available.
- Customer branding options.
- Coloured sheath options.
- Attenuation and return loss values specified against reference connectors.



## Single Ferrule Connector Specification

Parameters	IL – Max	IL – Typical	RL (PC/APC)
SM – Standard	≤ 0.30 dB	≤ 0.20 dB	> 55/65 dB
SM – Premium	≤ 0.15 dB	≤ 0.12 dB	> 55/65 dB
MM – Standard	≤ 0.30 dB	≤ 0.18 dB	> 28 dB
MM – Premium	≤ 0.15 dB	≤ 0.08 dB	> 28 dB

## 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 (2mm and 3mm)	µm	900+50	900+50
Minimum Bending Radius	mm	10D (installed) 20D (loaded)	10D (installed) 20D (loaded)



## ORDER INFORMATION

WC-	1	2	3	4	-	5	6	7
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1	LENGTH	2	CORD TYPE	3	FIBRE	4	CONNECTOR	5	CONNECTOR	6	GLASS TYPE	7	CORD DIAMETER
XX	S	SIMPLEX	SM	G657.A1 G657.A2	SC	SC	G657.A1	1.6MM					
	D	DUPLEX	MMOM1	OM1	SCA	SCA	G657.A2	2MM					
	RD	ROUND DUPLEX	MMOM2	OM2	LC	LC							
	RDX	ROUND DUPLEX SWITCHABLE	MMOM3	OM3	LCA	LCA							
	RDP	ROUND DUPLEX PULL TAB	MMOM4	OM4	FC	FC							
	RDXP	ROUND DUPLEX SWITCHABLE PULL TAB	MMOM5	OM5	FCA	FCA							
					ST	ST							
				MU	MU								

