

Patch Cords and Pigtails Ceramic Ferrule Connectors High Performance Connectors - 0,1dB Master & Offset Master Jumpers

Specification :

Optical connectors	Standard	High Quality	Excellent	Unit
Insertion Loss IL :	$\leq 0,3$ (typ.0,22)	$\leq 0,2$ (typ.0,15)	$\leq 0,1$ (typ.0,07)	dB
Return Loss RL (UPC) :		≥ 50 (typical 55)		dB
Return Loss RL (APC) :		≥ 60 (typical 68)		dB
Repeatability (500 matings) :		+/- 0,1		dB
Connector type :	SC, E2000, FC, DIN, MU, LC			
Apex offset AO :		≤ 50		μm
Radius of curvature RC/UPC :		$7 \leq RC \leq 25$		mm
Radius of curvature RC/APC :		$5 \leq RC \leq 12$		mm
Fiber Height FH :		$-125,0 \leq FH \leq +50,0$		μm
Operating temperature :		- 40 to 70		$^{\circ}\text{C}$
Storage temperature :		- 40 to 80		$^{\circ}\text{C}$

Optical connectors	Referential	Master	Offset Master	Unit
Insertion Loss IL :	$\leq 0,1$	$\leq 0,1$		dB
Return Loss RL (UPC) :		≥ 50 (typical 55)		dB
Return Loss RL (APC) :	≥ 60 (typical 68)	≥ 60 (typical 68)		dB
Connector type :	SC, E2000, FC, DIN, MU, LC			
Extinction ratio :		N/A		dB
Apex offset AO :	≤ 30	≤ 30	≤ 50	μm
Radius of curvature RC/UPC :		$10 \leq RC \leq 25$ (2,5mm ferrule)		mm
		$7 \leq RC \leq 25$ (1,25mm ferrule)		mm
Radius of curvature RC/APC :	$5 \leq RC \leq 12$	$5 \leq RC \leq 12$		mm
Excentricity :		$< 0,3^*$	$> 1,5^{**}$	μm
Fiber Height FH :	$-50,0 \leq FH \leq +50,0$		$-125,0 \leq FH \leq +50,0$	nm
Operating temperature :		- 40 to 70		$^{\circ}\text{C}$
Storage temperature :		- 40 to 80		$^{\circ}\text{C}$

* guaranteed excentricity parametres (e < 0,3 μm)

** other values on request

Specification - non telecom wavelengths:

	ILmax [dB]	ILtyp [dB]
IL @ 1050 nm	0,4	0,3
IL @ 900 nm	0,5	0,4
IL @ 850 nm	0,6	0,5
IL @ 780 nm	0,7	0,6
IL @ 630 nm	0,9	0,7
IL @ 460 nm	1,2	0,9

Design:

Zirconia ceramic ferrule, compatible with NTT-FC, SC hardware, DIN 47256, small form factor, pool-proof design.

Applications:

Telecommunication networks, CATV, LAN and WAN, Fiber test & Measurement, Active device termination, Industrial and Military, Medical, Sensors, Data Processing Network.

Standards:

SQS fiberoptic cable assemblies are manufactured and tested to the most rigorous industry standards and their optical and mechanical performance meets IEC, CENELEC and Telcordia specifications.

Optical pigtailed/patchcords*
*zirconia ceramic ferrule

SC UPC/APC



- Standard
- High Quality
- Excellent
- Referential
- Master & Offset Master

FC UPC/ APC



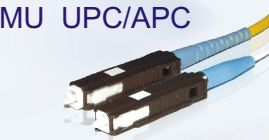
- Standard
- High Quality
- Excellent
- Referential
- Master & Offset Master

DIN UPC/APC



- Standard
- High Quality
- Excellent
- Referential
- Master & Offset Master

MU UPC/APC



- Standard
- High Quality
- Excellent
- Referential
- Master & Offset Master

LC UPC/APC



- Standard
- High Quality
- Excellent
- Referential
- Master & Offset Master