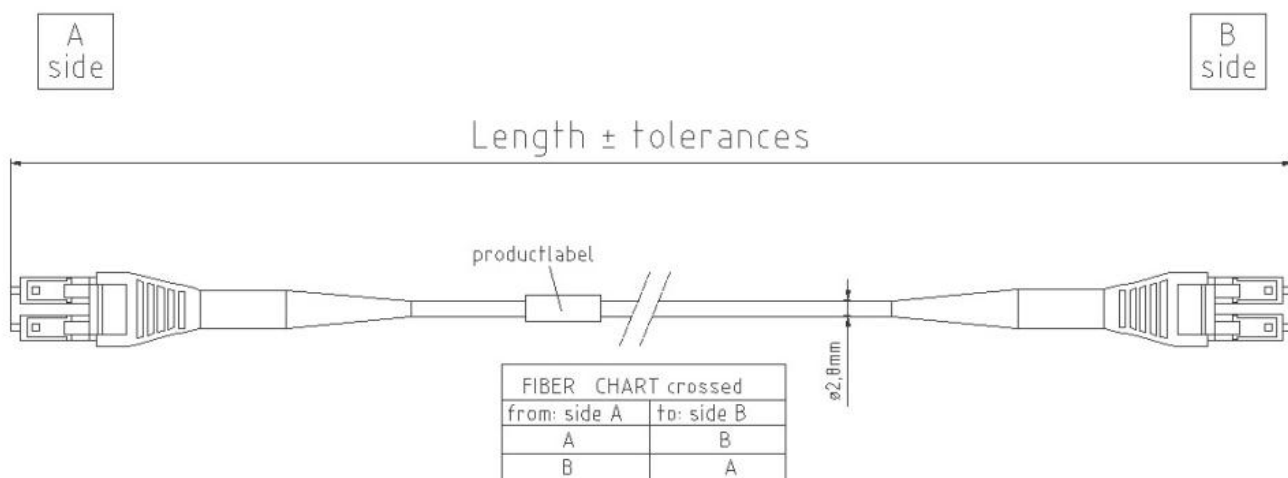




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

This product is a duplex single mode patchcord cable for indoor use. It has on both sides LC Compact connectors.

The fiber is bend insensitive G.657A1 according to ITU-T standard.

Available Variants

Type	Length (mm)	weight (g) / pce
L98B-189-1000	1000±50	
L98B-189-2000	2000±100	
L98B-189-3000	3000±100	
L98B-189-5000	5000±100	
L98B-189-10000	10000±100	
L98B-189-15000	15000±100	
L98B-189-20000	20000±100	

Cable assemblies in additional length variants are available.

Parts

Connector top	1x LC-Compact, single mode
Connector bottom	1x LC-Compact, single mode
Cable	Flame retardant FRNC jacket

Optical data

Cable	2 fibres	
Fiber	9/125 μm single mode optical fibre according to ITU-T G.657A1 and G.652D	
Attenuation Coefficient	≤ 0.36 dB / km	λ = 1310 nm
	≤ 0.22 dB / km	λ = 1550 nm

Technical Data Sheet				Rosenberger Rosenberger Site Solutions, LLC			
FTTA Fiber Cable Assembly LCC – 9uG657 – LCC				FB-L98B-189-XXX			
Connector side A		LC-Compact					
Insertion loss		typ. 0.10 dB					
		max. 0.30 dB					
Return loss		typ. 50 dB (UPC)					
Connector side B		LC-Compact					
Insertion loss		typ. 0.10 dB					
		max. 0.30 dB					
Return loss		typ. 50 dB (UPC)					
Mechanical data							
Cable diameter, jacket		2.8 mm					
Minimum bending radius cable							
Installation		42 mm					
Operation		28 mm					
Max. tensile strength cable		300N					
Crush resistance		100 N/dm					
Environmental data							
Temperature range operation		-5 °C to +70 °C					
Temperature range storage		-25 °C to +70 °C					
Temperature range installation		-5 °C to +50 °C					
2002/95/EC (RoHS)		compliant					
Good resistance to oil, petrol and leach.							
Packing							
Standard							
Length < 30 m		tbd					
Length ≥ 30 m		tbd					
While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
S.Schlomka	26/08/13	S.Gleich	22/11/13	100	13-0004	S.Schlomka	26/08/13
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