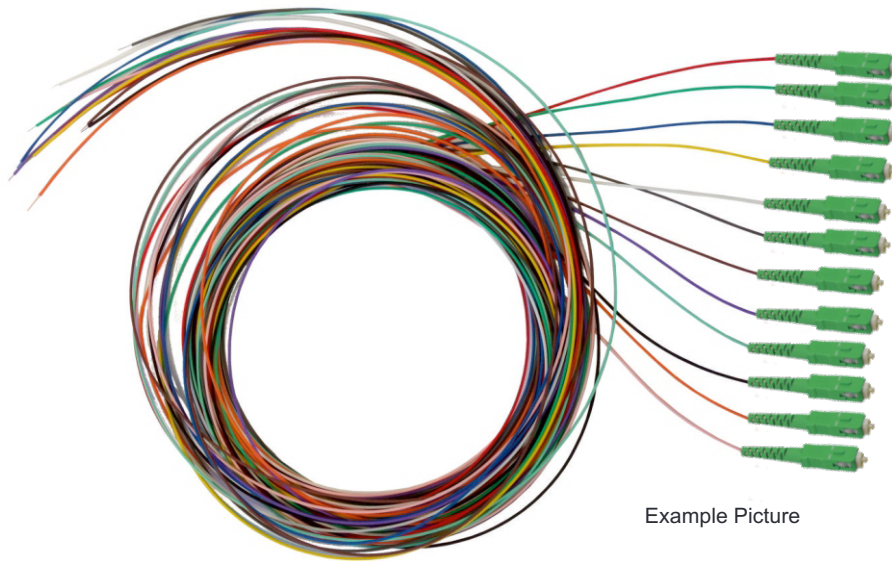



Technical Data sheet

EasyLan[®] Pigtails Grade B



Example Picture


e d c b a	Änderung Änderung Änderung Änderung Neuerstellung	29.04.2024 07.03.2024 11.05.2023 23.01.2023 06.11.2015	TG LE MW MW MJ	drawn	06.11.2015	MJ	 EasyLan[®] ...for a better connectivity	
				appr.	10.11.2015	GF		
				Titel: EasyLan[®] Pigtail Grade B				Dimensions: mm
				Drawing Number: ZN-FO151050				Original: DIN A4
				Index	Revision code	Date		Name

Technical Data

Parameter					
Connector Types		LC (Flex Boot) / SC (Soft Boot) / ST / E2000®			
Fiber Types		OM3 / OM4 / OM5 / OS2			
Length		2,0 m			
Colors		Color code according to VDE 0888			
Options		Set of 12			
Polishing		PC (MM) / UPC (SM) / APC (SM)			
Temperature range					
Operating Temperature		-20°C ~ +70°C			
Storage Temperature		-40°C ~ +75°C			
Primary- / secondarycoating		250 µm / 900 µm - same colored			
Max. strip length		1000 mm			
Measurements		Measurement results on a paper (LC/SC)			
Optical Characteristics					
Connector Type		SC	LC	ST	LSH
Insertion Loss (dB) 97%¹⁾ (IEC 61300-3-4)	MM (typ./max.)	< 0,15 / 0,20	< 0,15 / 0,20	0,12 / 0,25	0,12 / 0,25
	SM (typ./max.)	< 0,15 / 0,20	< 0,15 / 0,20	0,12 / 0,25	0,12 / 0,25
Return Loss (dB) typ.	MM (PC)	≥ 40	≥ 40	≥ 35	≥ 35
	SM (UPC)	≥ 55	≥ 55	≥ 55	≥ 55
	SM (APC)	≥ 65	≥ 65		≥ 70
Mechanical Characteristics					
Connector Type		SC	LC	ST	LSH
Standard	IEC	61754-4	61754-20	61754-2	61754-15
Ceramic-ferrule	Diameter	2,5 mm	1,25 mm	2,5 mm	2,5 mm
Color	MM (PC)	black	black	metal	black
	SM (UPC)	blue	blue	metal	blue
	SM (APC)	green	green		green
Tensile strength (N)	max.	5	5	5	5
Contact durability	max.	≤ 0,2 dB 500 Mating cycles FOTP-21			
Fiber Characteristics					
		Multimode		Singlemode	
Standard	IEC 11801	OM3 / OM4 / OM5		OS2	
	IEC	60793-2-10		60793-2-50	
	ITU-T	-		G.657.A1	
Fiber structure	50/125 µm		9/125 µm		

¹⁾ according IEC 61753-1 (Grade B)

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e d c b a	Änderung	29.04.2024	TG	drawn	06.11.2015	MJ	 EasyLan® ...for a better connectivity	
	Änderung	07.03.2024	LE	appr.	10.11.2015	GF		
	Änderung	11.05.2023	MW	Titel: EasyLan® Pigtail Grade B				
	Änderung	23.01.2023	MJ					Drawing Number: ZN-FO151050
Neuerstellung	06.11.2015	MJ	Dimensions: mm Original: DIN A4 Sheet 2 of 2					
Index	Revision code	Date	Name					