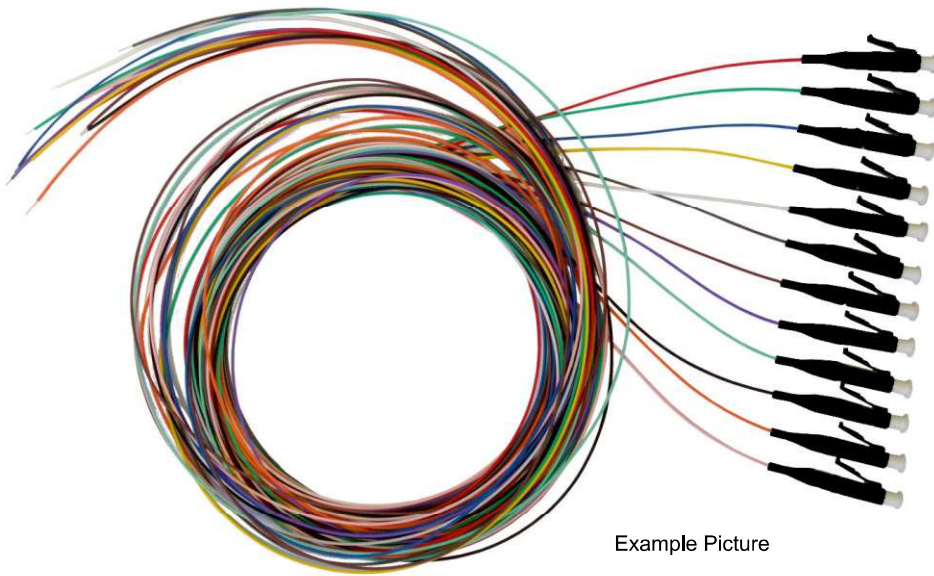



Technical Datasheet

EasyLan Pigtails Grade B



Example Picture


				drawn	06.11.2015	MJ	 EasyLan [®] ...for a better connectivity	
				appr.	10.11.2015	GF		
b a	Änderung Neuerstellung	23.01.2023 06.11.2015	MW MJ	Titel: EasyLan Pigtail Grade B				Dimensions: mm
				Drawing number: ZN-FO151050				Original: DIN A4
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Technical Data

Parameter					
Connector Types	LC / SC / ST / E2000				
Fiber Types	OM2 / OM3 / OM4 / OS2				
Length	2,0 m				
Primary- / secondary-coating	250 µm / 900 µm - same colored				
max. strip length	1000 mm				
Colors	Color code according to VDE 0888				
Options	Single Pigtail or Set of 12				
Polishing	PC (MM) / UPC (SM) / APC (SM)				
Temperature range	-20°C ~ +70°C				
Measurements	Measurement results on the label at pigtail (SM)				
Optical Characteristics					
Connector Type		SC	LC	ST	E2000
Insertion Loss (dB) 97%¹⁾ (IEC 61300-3-4)	MM (typ./max.)	0,12 / 0,25	0,12 / 0,25	0,12 / 0,25	0,12 / 0,25
	SM (typ./max.)²⁾	0,12 / 0,25	0,12 / 0,25	0,12 / 0,25	0,12 / 0,25
Return Loss (dB) typ.	MM (PC)	≥ 35	≥ 35	≥ 35	≥ 35
	SM (UPC)	≥ 55	≥ 55	≥ 55	≥ 55
	SM (APC)	≥ 70	≥ 70		≥ 70
Mechanical Characteristics					
Connector Type		SC	LC	ST	E2000
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
Connector Color	MM (PC)	black	black	metal	beige
	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	OM2	OM3	OM4	OS2
	IEC	60793-2-10	60793-2-10	60793-2-10	60793-2-50
	ITU-T	-	-	-	G.657.A1
Fiber structure		50/125 µm	50/125 µm	50/125 µm	9/125 µm
Conductor coloring (Set of 12) / IEC 60304		red, green, yellow, white, grey, brown, violet, turquoise, black, orange, pink			

¹⁾ according IEC 61753-1 (Grade B)

²⁾ Documentation of measurement values on measurement label

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