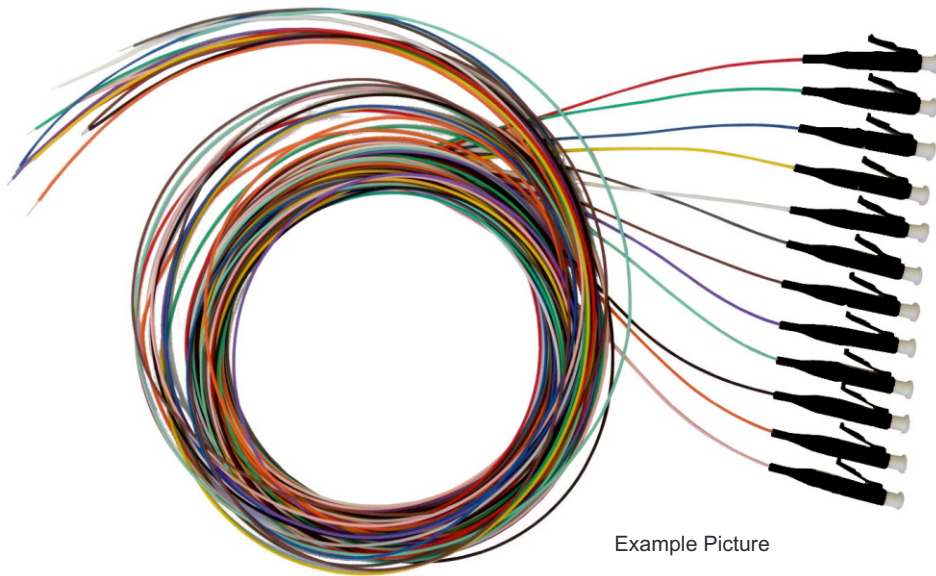



# Technical Datasheet

## *EasyLan<sup>®</sup> Pigtails Grade B*



Example Picture


<small>c b a</small>	<small>Änderung Änderung Neuerstellung</small>	<small>11.05.2023 23.01.2023 06.11.2015</small>	<small>MW MW MJ</small>	drawn	06.11.2015	MJ	 <b>EasyLan<sup>®</sup></b> <small>...for a better connectivity</small>	
				appr.	10.11.2015	GF		
				Titel: <b>EasyLan<sup>®</sup> Pigtail          Grade B</b>				Dimensions: mm
				Drawing Number: <b>ZN-FO151050</b>				Original: DIN A4
Index	Revision code	Date	Name				Sheet 1 of 2	

# Technical Data

<b>Parameter</b>						
<b>Connector Types</b>	LC / SC / ST / E2000®					
<b>Fiber Types</b>	OM2 / OM3 / OM4 / OM5 / OS2					
<b>Length</b>	2,0 m					
<b>Primary- / secondary-coating</b>	250 µm / 900 µm - same colored					
<b>max. strip length</b>	1000 mm					
<b>Colors</b>	Color code according to VDE 0888					
<b>Options</b>	Single Pigtail or Set of 12					
<b>Polishing</b>	PC (MM) / UPC (SM) / APC (SM)					
<b>Temperature range</b>	-20°C ~ +70°C					
<b>Measurements</b>	Measurement results on the label at pigtail (SM)					
<b>Optical Characteristics</b>						
<b>Connector Type</b>		<b>SC</b>	<b>LC</b>	<b>ST</b>	<b>E2000®</b>	
<b>Insertion Loss (dB) 97%<sup>1)</sup> (IEC 61300-3-4)</b>	<b>MM (typ./max.)</b>	0,12 / 0,25	0,12 / 0,25	0,12 / 0,25	0,12 / 0,25	
	<b>SM (typ./max.)<sup>2)</sup></b>	0,12 / 0,25	0,12 / 0,25	0,12 / 0,25	0,12 / 0,25	
<b>Return Loss (dB) typ.</b>	<b>MM (PC)</b>	≥ 35	≥ 35	≥ 35	≥ 35	
	<b>SM (UPC)</b>	≥ 55	≥ 55	≥ 55	≥ 55	
	<b>SM (APC)</b>	≥ 70	≥ 70		≥ 70	
<b>Mechanical Characteristics</b>						
<b>Connector Type</b>		<b>SC</b>	<b>LC</b>	<b>ST</b>	<b>E2000®</b>	
<b>Standard</b>	<b>IEC</b>	61754-4	61754-20	61754-2	61754-15	
<b>Ceramic-ferrule</b>	<b>Diameter</b>	2,5 mm	1,25 mm	2,5 mm	2,5 mm	
<b>Connector Color</b>	<b>MM (PC)</b>	black	black	metal	beige	
	<b>SM (UPC)</b>	blue	blue	metal	blue	
	<b>SM (APC)</b>	green	green		green	
<b>Tensile strength (N)</b>	<b>max.</b>	5	5	5	5	
<b>Contact durability</b>	<b>max.</b>	≤ 0,2 dB 500 Mating cycles FOTP-21				
<b>Fiber Characteristics</b>						
			<b>Multimode</b>			<b>Singlemode</b>
<b>Standard</b>	<b>IEC 11801</b>	OM2	OM3	OM4	OM5	OS2
	<b>IEC</b>	60793-2-10	60793-2-10	60793-2-10	60793-2-10	60793-2-50
	<b>ITU-T</b>	-	-	-	-	G.657.A1
<b>Fiber structure</b>		50/125 µm	50/125 µm	50/125 µm	50/125 µm	9/125 µm
<b>Conductor coloring (Set of 12) / IEC 60304</b>		red, green, yellow, white, grey, brown, violet, turquoise, black, orange, pink				

<sup>1)</sup> according IEC 61753-1 (Grade B)

<sup>2)</sup> Documentation of measurement values on measurement label

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