


# Technical Datasheet

*Universal cable with stranded loose tubes  
for 48-144 fibers*

**U-DQ(ZN)H**

**Oder Codes : see on page 3**




				drawn	07.09.2017	LP	 <b>EasyLan<sup>®</sup></b> ...for a better connectivity
				appr.	07.09.207	GF	
b a	Änderung Neuerstellung	22.03.2021 07.09.2017	MW LP	Titel:			
				EasyLan <sup>®</sup> Universal cable 48-144 fibers U-DQ(ZN)H			
Rev. Index	Revision code	Date	Name	Drawing number:			Dimensions: mm
				<b>ZN-FO171133</b>			Original: DIN A4
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# Technical Data


<b>Fiber</b>	
Fiber Standard	IEC 60794-2
Core Diameter	Os2 = 9 µm / OM3 ,OM4 = 50 µm
<b>Glass Geometry</b>	
Cladding Diameter	125±0,7 µm
Core-Clad Concentricity	≤ 0,5 µm
<b>Coating Geometry</b>	
Coating Diameter	
48 Fibers	appr. 10,8 mm
72 Fibers	appr. 11,7 mm
96 Fibers	appr. 13,0 mm
144 Fibers	appr. 16,0 mm
<b>Construction</b>	
Installation Temperature	-5°C ~ +60°C
Service Temperature	-30°C ~ +70°C
Storage Temperature	-40°C ~ +70°C
Jacket Color	Os2 = yellow / OM3 = aqua / OM4 = violet
Jacket Material (inside/outside)	FRNC
Cable Weight	
48 Fibers	125 kg/km
72 Fibers	140 kg/km
96 Fibers	150 kg/km
144 Fibers	260 kg/km
Minimum bending radius	
48 Fibers	216 mm
72 Fibers	234 mm
96 Fibers	260 mm
144 Fibers	320 mm
<b>Mechanical Data</b>	
Tensile strength	appr. 3000 N
Compressive strength	3000 N / 10cm
Impact strength	25 Nm
Torsional strength	5 cycles +/-1
Flame resistance	EN 50399 Class Dca

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# Order Codes

Article Description	Order Code
FO Universal cable 48 Fibers G50/125 OM3	LUVB48OM3
FO Universal cable 72 Fibers G50/125 OM3	LUVB72OM3
FO Universal cable 96 Fibers G50/125 OM3	LUVB96OM3
FO Universal cable 144 Fibers G50/125 OM3	LUVB144OM3
FO Universal cable 48 Fibers G50/125 OM4	LUVB48OM4
FO Universal cable 72 Fibers G50/125 OM4	LUVB72OM4
FO Universal cable 96 Fasern G50/125 OM4	LUVB96OM4
FO Universal cable 144 Fibers G50/125 OM4	LUVB144OM4
FO Universal cable 48 Fibers E09/125 OS2	LUVB48OS2
FO Universal cable 72 Fibers E09/125 OS2	LUVB72OS2
FO Universal cable 96 Fibers E09/125 OS2	LUVB96OS2
FO Universal cable 144 Fibers E09/125 OS2	LUVB144OS2

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