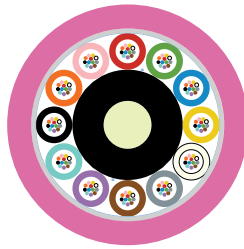



# Technical Datasheet

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

**U-DQ(ZN)BH**




*Order codes: see last page*

c b a	Änderung Änderung Neuerstellung	09.08.2024 15.02.2024 20.06.2023	MW MW MW	drawn	20.06.2023	MW	 <b>EasyLan<sup>®</sup></b> <i>...for a better connectivity</i>			
				appr.	20.06.2023	LE				
				Titel:				EasyLan <sup>®</sup> Universal cable 48-144 Fibers, Dca		Dimensions: mm
				Drawing number:				ZN-FO230085		Original: DIN A4
Index	Revision code	Date	Name				Sheet 1 of 4			

# Technical Data


<b>Construction (Outer jacket)</b>	
Color	OM3: aqua, OM4: heather violet, OM5: limegreen, OS2: yellow
Material	LSZH / FRNC
Outer diameter	
48 Fibers	10,8 mm +/- 0,4
72 Fibers	11,7 mm +/- 0,4
96 Fibers	13,0 mm +/- 0,4
144 Fibers	16,0 mm +/- 0,4
<b>Mechanical data</b>	
Temperature range	
Storage, Transport	-40°C to +70°C
Installation	-5°C to +60°C
Operation, In use	-30°C to +70°C
Max. Tensile force	3000 N
Max. Crush resistance	3000 N/dm
Minimum Bending radius	
<i>Fixed (Static)</i>	
48 Fibers	162 mm
72 Fibers	175 mm
96 Fibers	195 mm
144 Fibers	240 mm
<i>During assembly (Dynamic)</i>	
48 Fibers	216 mm
72 Fibers	234 mm
96 Fibers	260 mm
144 Fibers	320 mm

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Index				Revision code		Date		Name	Titel: EasyLan® Universal cable 48-144 Fibers, Dca	Dimensions: mm
				Drawing number:		ZN-FO230085		Original: DIN A4	Sheet 2 of 4	

<b>Fibre characteristics</b>	
Bending sensitivity (acc. ITU-T)	
OM3 / OM4 / OM5	G.651.1
OS2	G.657.A1
Cladding diameter	
OM3 / OM4 / OM5	125 µm +/-1
OS2	125 µm +/-0,7
Core / Cladding concentricity error	
OM3 / OM4 / OM5	<= 1 µm
OS2	<= 0,5 µm
<b>Fire class</b>	Dca
<b>Standards</b>	IEC 60793 / 60794; VDE 0888; EN 60332-2

				drawn	20.06.2023	MW
				appr.	20.06.2023	LE
c b a	Änderung Änderung Neuerstellung	09.08.2024 15.02.2024 20.06.2023	MW MW MW	Titel: <b>EasyLan® Universal cable          48-144 Fibers, Dca</b>		
				Drawing number: <b>ZN-FO230085</b>		
Index	Revision code	Date	Name			



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Dimensions: mm


Original: DIN A4

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# Order codes

Article Description	Order Code Dca
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 fibers G50/125 OM4	LUVB96OM4
FO Universal cable 144 fibers G50/125 OM4	LUVB144OM4
FO Universal cable 48 fibers G50/125 OM5	LUVB48OM5
FO Universal cable 72 fibers G50/125 OM5	LUVB72OM5
FO Universal cable 96 fibers G50/125 OM5	LUVB96OM5
FO Universal cable 144 fibers G50/125 OM5	LUVB144OM5
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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c b a	Änderung Änderung Neuerstellung	09.08.2024 15.02.2024 20.06.2023	MW MW MW	drawn	20.06.2023	MW	 <b>EasyLan®</b> ...for a better connectivity
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Titel: EasyLan® Universal cable 48-144 Fibers, Dca				Dimensions: mm			
Drawing number: <b>ZN-FO230085</b>				Original: DIN A4			
Index	Revision code	Date	Name	Sheet 4 of 4			