

30 MICALD

Approved Cables for MICALD

Type	Conductor		Length of Lay (mm)	Surface finishing	Insulation			Manufacturer		Description
	Cross Section (mm ²)	Construction			Diameter (mm)	Material	Temp. Range (°C)	Name	Designation	
MICALD	0,08	1 x Ø 0,32 mm ribbon cable		Sn	0,93 ± 0,05	PVC	+105	Klasing	5009240	FD 9 x 0,32/0,93 R1,27
MICALD	0,09	7 x Ø 0,127 mm ribbon cable	8	Sn	0,93	PVC	+105	Klasing	50066xx	
MICALD	0,09	7 x Ø 0,127 mm ribbon cable	7,6	Sn	0,89	PVC	+105	Klasing	50067xx	FL-ZGL XXx0,09/0,93
MICALD	0,14	7 x Ø 0,16 mm ribbon cable	7,6	Sn	1 ± 0,05	PVC	+105	Klasing	50277xx	
MICALD	0,09	7 x Ø 0,12 mm ribbon cable	7,6	Sn	0,93 ± 0,05	Polyolefin	+105	Klasing	50532xx	
MICALD	0,09	7 x Ø 0,127 mm ribbon cable	7,6	Sn	0,89 ± 0,08	PVC	+105	Tyco	1-971111-4	UL-Style 2651/ CSA AWM IA
MICALD	0,08	1 x Ø 0,32 mm ribbon cable		Sn	0,75 ± 0,1	PE	+130	Sumida	Bxx-Pxxx-A-001	Panta-Fix Jumper
MICALD	0,09	7 x Ø 0,127 mm ribbon cable	8	Sn	0,93 ± 0,05	PVC lead-free	+105	Draka	BMW 8 380 723.9	FLRZYW-A xAWG28/7/0,93
MICALD	0,09	7 x Ø 0,12 mm ribbon cable	12,7	Sn	0,9 ± 0,05	PVC	+105	Hung Fu	HF 9-64	HF1,27Centers PVC/ 28AWG
MICALD	0,09	19 x Ø 0,08 mm ribbon cable	5	Sn	0,89 ± 0,13	PVC	+105	JST	JFCR 28L-10HF127	JFCR 28L-xxHF 127
MICALD	0,09	7 x Ø 0,127 mm ribbon cable	9,1	Sn	0,9 ± 0,1	PVC	+105	Lian Yu	LY 881004	1,27mm FLAT CABLE AWG 28
MICALD	0,087	7 x Ø 0,127 mm ribbon cable	9,41	Sn	0,89 ± 0,10	PVC	+105	Baohing	C1012217	UL2651 28 AWGXnF
MICALD	0,09	19 x Ø 0,079 mm ribbon cable	6,45	Sn	0,89	PVC	-20/+105	3M	3539-Series, AWG28	Medium Flex Life Cable, 1,27mm, AWG28
MICALD	0,09	19 x 0,079 mm ribbon cable	5	Sn	0,93 +/- 0,05	PVC	-10/+105	Klasing	5002208	Flachbandleitung FL-f
MICALD	0,08	7 x 0,12 mm +/- 0,005 mm ribbon cable	9,41	Sn	0,9 +/- 0,08	PVC	105	Datafield WenChang	FLC-10647-14GY WCH P/N UL 2651	UL 2651 28 AWG*14P PH:1,27 mm
MICALD	AWG 28	1 x Ø 0,3 mm foil cable	-	Sn		Nomex	-40/+125	Sumida	Bxx-Nxxx-x-8,5	Panta-Fix Jumper
MICALD	0,14	7 x Ø 0,16 mm ribbon cable	8	Sn	1,00 ± 0,05	PVC	-10/+80	Medi	122267	UL/cUL Style 1061/10002 AWG 26
MICALD	0,09	7 x Ø 0,127 mm ribbon cable	8,46	Sn	0,89	PVC	-20/+105	3M	Serie 3365/10	AWG 28
MICALD	0,15	19 x Ø 0,1 mm ribbon cable	27	Sn	1,10 ± 0,05	PPE	-20/+80	Kabeltronik	215042600	AWG 26
MICALD	0,14	19 x Ø 0,1 mm	27	Sn	1,10 ± 0,05	mPPE	-40/+80	Kabeltronik	216042600	PUR-tronic D-UL-Flex FRNC UL AWM 21223/ 11028
MICALD	0,14	7 x Ø 0,16 mm	ca. 7,6	Sn	1,00 ± 0,05	PVC	-30/+105	MediKabel	52671114	LiY 14 x AWG 26 grau

Connector systems with insulation displacement and crimp technology require suitable cables and accurate processing. In order to assure safe function of the connectors they must be processed with Lumberg harnessing equipment (series 97), according to Lumberg processing instructions, using cables approved by Lumberg. Do not hesitate to contact us if you have any questions!

The cables listed here have been tested in the laboratory and have been approved suitable for the specified connector type. Lumberg cannot assume warranty for possible modifications on the part of the cable manufacturer. It is the user's responsibility to ensure the compatibility of the chosen components and their appropriateness for the intended application.

05/2022