

UNITRONIC® COAXIAL/BUS/LAN cables – COAXIAL/BUS/LAN cable interfaces

ETHERLINE® cables – Industrial Ethernet cable interfaces

Usage criteria	Cable designation																																																			
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Use	Suitable for network type as per: IEEE 802.3 (Ethernet) ✓ IEEE 802.4 (MAP) IEEE 802.5 (IBM) ISDN 64 K Bit IBM 3270, 3600, 4300 IBM AS 400, 36, 38 IBM PC Network 10 base 5 Ethernet 10 base 2 Cheapernet ✓ 10 base T (UTP) 100 ohms Token Ring (STP) 150 ohms Token Bus Radio/TV Video BAS/FBAS Video RGB monitors EIA RS 232/V.24 EIA RS 422/V.11 EIA RS 485 EIA RS 232/20 mA (TTY)																																																			
Standards	PROFIBUS INTERBUS (Phoenix Contact) ISO 11898 CAN BITBUS (Intel) For LAN installations (IBM, Ethernet etc.) ✓ PROFINET																																																			
Temperature range	+205 °C +105 °C +90 °C +80 °C +70 °C +60 °C -5 °C -10 °C -20 °C -30 °C -40 °C -90 °C																																																			
Installation	Installation outdoors in open air ✓ Indirect routing underground ✓ Indoor use ✓ Direct routing underground ✓																																																			
Mean characteristic Impedance	150 ohms 120 ohms 100 ohms 93 ohms 75 ohms ✓ 50 ohms ✓																																																			
Output category	CAT.5 ≤ 100 MHz CAT.6 ≤ 250 MHz CAT.6 _A ≤ 500 MHz CAT.7 ≤ 600 MHz CAT.7 _A ≤ 1200 MHz																																																			
Design	PVC sheath ✓ Halogen-free sheath ✓ PE sheath ✓ PUR sheath, abrasion-resistant, cut-resistant ✓ FEP outer sheath ✓																																																			
	✓ Main application/design ✓ Possible application ● Flexible use ◻ Fixed and flexible use ▲ Fixed installation																																																			

