

A6 Selection Table

A6: UNITRONIC®-COAX-/BUS-/LAN-Cables – Interfaces COAX-/BUS-/LAN-Cables

Application Criteria	Cable and Lead Designation																			
Application suitable for network type to: 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 Ohm ○ Token Ring (STP) 150 Ohm ○ 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) ● BITBUS (Intel) ● For LAN installations (IBM, Ethernet etc.) ● With IBM reference approval ● Acc. to DEC specification ●																				
Temperature range +205 °C □ +90 °C □ +80 °C □ +70 °C □ +60 °C □ -5 °C □ -20 °C □ -30 °C □ -40 °C □ -50 °C □ -190 °C □																				
Characteristic impedance ≥ 150 Ohm ● ≥ 120 Ohm ● ≥ 100 Ohm ● ≥ 93 Ohm ● ≥ 75 Ohm ● ≥ 60 Ohm ● ≥ 50 Ohm ●																				
Capacity category CAT.5 ≤ 100 MHz ● CAT.6 ≤ 250 MHz ● CAT.7 ≤ 600 MHz ●																				
Make-up PVC sheath ● Halogen free sheath ● PE sheath ● PUR sheath, wear resistant; cutting resistant ● Flourpolymer outer sheath ●																				
Laying Outdoor laying in air ● indirectly in the ground ● Indoor use laid directly ● directly in the ground ●																				

Halogen free types see selection table A4.

- = Principal application
- = Application not customary, but possible, or alternative design available in the range
- = Temperature range for flexible laying
- = Temperature range for static laying

