

Industrial Communications Protocol

Cross Reference



System Name	Belden Part No.
AS Interface	3999E Yellow Bus Cable
ControlNet™	3092A RG-6 PVC Quad Shield 3092F RG-6 PVC Quad Shield, Flex Version, Aluminum Braid YR28890 RG-6 PVC Flex Version, Copper Braid 3093A RG-6 FEP* Quad Shield, Plenum
DeviceNet™	3082A PVC (Thick) 3082F High-Flex (Thick) 3082K CL2 (Flat) 3082KP Auxiliary Power (Flat) 3083A CPE (Thick) 3084A PVC (Thin) 3084F High-Flex (Thin) 3085A CPE (Thin) 7895A CL2 PVC (Cable III Mid) 7896A CL1 PVC (Type V Trunk Cable) 7897A CL1 PVC (Thick) 7900A CL1 Unshielded (Drop Cable IV)
Ethernet – Fiber Optic	See Industrial Ethernet Fiber Optic Cable Selection Guide on page 18.36
Ethernet – Thicknet	9880 10 Base 5 Network Trunk Cable 89880 Plenum (9880)
Ethernet – Thinnet	9907 10 Base 2 Network Trunk Cable 89907 Plenum (9907)
Ethernet – Twisted Pair	See DataTuff® Industrial Ethernet Cable Selection Guide on page 18.36
Fieldbus (Type SP50 ISA/IEC)	3076F Type A, H1 1900 m (31.25K) 3076ELS Steel Wire Armor (3076F) 3076ENH Low-Smoke, Halogen-Free (3076F) 3077F Type B, H1 1200 m (31.25K) 3077ELS Steel Wire Armor (3077F) 3077ENH Low-Smoke, Halogen-Free (3077F) 3078F High-Speed (1.0 + 2.5 mbits/s) HSE Copper & Fiber (See Cables for Industrial Ethernet)
Hart	3105A 1 Pair, RS-485 3106A 1.5 Pair, RS-485 3107A 2 Pair, RS-485
InterBus®-S	3119A 18/3C, 24/3 Pair, Composite 3120A 24/3 Pair
Profibus DP & FMS (Purple)	3079A 300V Twinax 3079ALS Steel Wire Armor (3079A) 3079ANH Low-Smoke, Halogen-Free (3079A) 3079E Stranded Conductor (3079A)
Profibus PA (Blue)	3076F 18 AWG, 2 Conductors, Type A 3076ELS Steel Wire Armor (3076F) 3076ENH Low-Smoke, Halogen-Free (3076F)
RS-485/HART/CAN	9841 1 Pair 9841LS Steel Wire Armor (9841) 9841NH Low-Smoke, Halogen-Free (9841) 9842 2 Pair 9842LS Steel Wire Armor (9842) 9842NH Low-Smoke, Halogen-Free (9842) 9843 3 Pair 9843NH Low-Smoke, Halogen-Free (9843) 9844 4 Pair 3105A 1 Pair (PLTC) 3106A 1.5 Pair (PLTC) 3107A 2 Pair (PLTC) 3108A 3 Pair (PLTC) 3109A 4 Pair (PLTC)

* Fluorinated Ethylene-Propylene

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