

## Product overview and selection guide for copper data cables

### Selection criteria

The Datwyler product portfolio consists of many different cable types.

The following overview lists some of the more important criteria which will help you to decide for the cable types that meet your specific requirements.

page	Cable type	Cable design	AWG = American Wire Gauge	Category/Class	Telephone, ISDN	Video signals (RGB): symmetrical transmission	Ethernet 10 BaseT/100 BaseT	Gigabit-Ethernet 1000 BaseT	10 Gigabit-Ethernet	Cable Sharing	Suitable for horizontal cabling	Suitable for backbone and vertical/riser cabling	Suitable for patch and connecting cables	PimF (Pair in metal Foil)	Bundle cable	Stabilizing element (intermediate sheath for mech. stabilization)	PVC cable sheath (FR/PVC)	Halogen free cable sheath (FRNC/LSOH)	Multimedia according to EN 50083-8	Stabilising element (cross)	Suitable for outdoor use	Suitable for industrial applications
<b>shielded</b>																						
26	CU 7150 4P Multimedia / 2x4P F8 Multimedia	S/FTP	22	7 <sub>A</sub> /F <sub>A</sub> (1000 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
28	CU 7702 4P / 2x4P F8	S/FTP	22	7 <sub>A</sub> /F <sub>A</sub> (1000 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
30	CU 7120 4P / 2x4P F8	S/FTP	23	7 <sub>A</sub> /F <sub>A</sub> (1000 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
32	CU 7080 4P / 2x4P F8	S/FTP	23	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
34	CU 7002 4P / 2x4P F8	S/FTP	23	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
36	CU 7002 nx4P Breakout Light (BOL)	S/FTP	23	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
38	CU 7002 4P Industrial PUR	S/FTP	23	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●				●			●	
40	CU 7002 4P GG-PE	S/FTP	23	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●				●		●		
42	CU 7052 4P / 2x4P F8	F/FTP	23	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
44	CU 7060 4P / 2x4P F8	S/FTP	23	6 <sub>A</sub> /E <sub>A</sub> (500 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
46	CU 6552 4P	F/FTP	23	6 <sub>A</sub> /E <sub>A</sub> (500 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
48	CU 6502 4P	U/FTP	23	6 <sub>A</sub> /E <sub>A</sub> (500 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
50	CU 6052 4P / 2x4P F8	F/FTP	23	6/E (250 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
52	CU 6702 4P	SF/UTP	24	6/E (250 MHz)	●	●	●	●	●	●	●	●	●	●	●	●	●	●				
54	CU 6002 4P	U/FTP	23	6/E (250 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
56	CU 5502 4P	SF/UTP	24	5e/D (100 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
58	CU 5002 4P	F/UTP	24	5e/D (100 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
60	CU 7150 4P flex	S/FTP	26	7 <sub>A</sub> /F <sub>A</sub> (1000 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
62	CU 7702 4P flex	S/FTP	26	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
64	CU 7702 4P flex Industrial PUR	S/FTP	26	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●				●			●	
66	CU 1P flex Multimedia	S/FTP	26	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
68	CU 2P flex Multimedia	S/FTP	26	7/F (600 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
70	CU 5502 4P flex	S/UTP	26	5e/D (100 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
<b>unshielded</b>																						
72	CU 662 4P	U/UTP	24	6/E (250 MHz)	●	●	●	●	●	●	●	●	●	●			●	●		●		
74	CU 502 4P	U/UTP	24	5e/D (100 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
76	CU 602 4P flex	U/UTP	24	6/E (250 MHz)	●	●	●	●	●	●	●	●	●	●			●	●				
<b>Telephone cable</b>																						
78	DATWYLER 25-pair Indoor	U/UTP	24	3/C (16 MHz)	●						●	●					●	●				
80	DATWYLER 50-pair Indoor	U/UTP	24	3/C (16 MHz)	●						●	●					●	●				
82	DATWYLER 100-pair Indoor	U/UTP	24	3/C (16 MHz)	●						●	●					●	●				