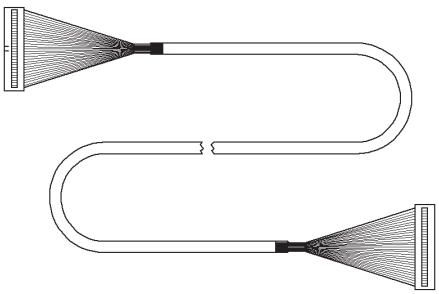
Flat round cable



Description	Flat round cable with shielding			Flat round cable without shielding		
	Type	Part No..	Box Qty	Type	Part No..	Box Qty
1.0	FRK-S 100	08.000.0106.0		FRK 100	08.000.0107.4	
1.5	FRK-S 150	08.000.0106.1		FRK 150	08.000.0107.5	
2.0	FRK-S 200	08.000.0106.2		FRK 200	08.000.0107.6	
2.5	FRK-S 250	08.000.0106.3		FRK 250	08.000.0107.7	
3.0	FRK-S 300	08.000.0106.4		FRK 300	08.000.0107.8	
3.5	FRK-S 350	08.000.0106.5		FRK 350	08.000.0108.9	
4.0	FRK-S 400	08.000.0106.6		FRK 400	08.000.0108.0	
4.5	FRK-S 450	08.000.0106.7		FRK 450	08.000.0108.1	
5.0	FRK-S 500	08.000.0106.8		FRK 500	08.000.0108.2	
6.0	FRK-S 600	08.000.0106.9		FRK 600	08.000.0108.3	
7.0	FRK-S 700	08.000.0107.0		FRK 700	08.000.0108.4	
8.0	FRK-S 800	08.000.0107.1		FRK 800	08.000.0108.5	
9.0	FRK-S 900	08.000.0107.2		FRK 900	08.000.0108.6	
10.0	FRK-S 1000	08.000.0107.3		FRK 1000	08.000.0108.7	
Technical data						
Nominal voltage	75 V DC / 60 V AC			75 V DC / 60 V AC		
Maximum permitted voltage per core	0.85 A			0.85 A		
Maximum permitted total current of all cores	20 A			20 A		
Number of poles	50			50		
Cross-section	AWG 28 (7 x 0.127 mm Ø)			AWG 28 (7 x 0.127 mm Ø)		
Conductor material (tinned flexible leads)	Cu			Cu		
Maximum conductor resistance	230 Ω/km			230 Ω/km		
Capacitance	75 pF/m			75 pF/m		
Impedance	115 Ω			115 Ω		
Thermal stability	–20...+80 °C			–20...+80 °C		
Isolation	PVC			PVC		
IDC connector (with strain relief)	DIN 41651			DIN 41651		
Overall diameter	11.6 mm			11.1 mm		