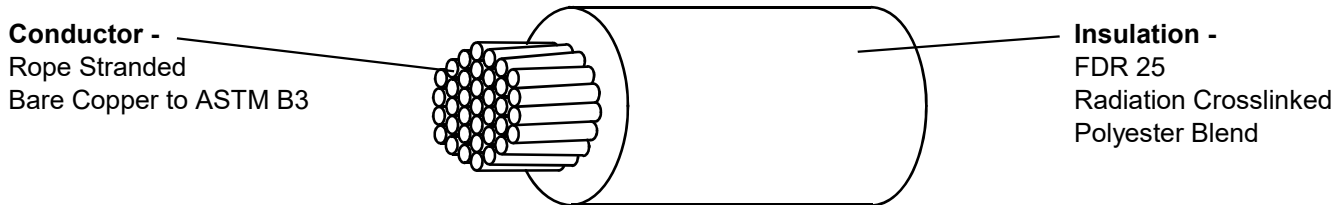


FLEXIBLE POWER CABLE, RADIATION CROSSLINKED POLYESTER BLEND, BARE COPPER
600/1000 VOLT, 130°C RATED

The complete requirements for procuring the wire described herein shall consist of this document and the issue in effect of the referenced specifications. This document takes precedence over documents referenced herein.



CONSTRUCTION DETAILS

Part Description	CONDUCTOR					FINISHED WIRE					
	Size (mm ²)	Stranding No./ Max. Strand Dia (mm)	Diameter (mm)		Maximum Resistance @ 20°C (Ω/km)	Insulation Thickness (mm)		Diameter (mm)			Maximum Weight (kg/km)
			Min	Max		Min.	Nom.	Lower Spec Limit	Target	Upper Spec Limit	
FDI10-10.0-*	10	7x7x26x0.10	4.3	5.1	1.90	0.84	1.10	6.60	6.90	7.20	138
FDI10-16.0-*	16	7x7x42x0.10	5.5	6.5	1.20	0.92	1.20	8.00	8.40	8.80	216
FDI10-25.0-*	25	7x7x67x0.10	7.0	8.0	0.745	1.13	1.45	10.00	10.40	10.80	336
FDI10-35.0-*	35	7x7x93x0.10	8.5	9.5	0.535	1.86	2.30	13.10	13.60	14.10	508
FDI10-50.0-*	50	7x7x3x44x0.10	10.5	11.5	0.375	1.98	2.45	15.40	15.90	16.40	702
FDI10-70.0-*	70	7x7x3x62x0.10	12.5	13.5	0.275	2.15	2.65	17.70	18.30	18.90	967
FDI10-95.0-*	95	7x7x3x85x0.10	15.5	16.5	0.205	2.32	2.85	21.10	21.70	22.30	1351
FDI10-150.0-*	150	7x7x7x57x0.10	19.5	21.5	0.128	2.36	2.90	25.30	26.30	27.30	2014
FDI10-240.0-*	240	7x7x7x94x0.10	25.5	27.5	0.079	2.07	2.55	30.60	31.60	32.60	3134

COLOUR CODE:

The '**' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.
e.g. FDI10-16.0-0, Black Insulation.
Standard colour - Black but other colours available on request.

PERFORMANCE REQUIREMENTS:

To be tested and meet the requirements of the issue in effect of TE Connectivity Specification WCD 2002, with exception to:-

Insulation Flaws: Routine Spark Test to issue in effect of BS5099:

Conductor Size (mm ²)	Test Voltage	
	H.F (kV)	Impulse (kV)*
10 - 16	8	11
25	10	13
35 - 50	14	20
70 & 240	15	n/a
95 - 150	17	n/a

*Where applicable

APPROVAL:

Electronic sign off - no signatures will appear.