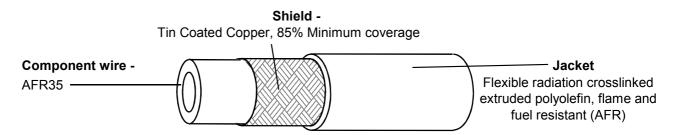


## ONE CONDUCTOR, SHIELDED AND JACKETED CABLE, 1900/3300 VOLT AC

The complete requirements for procuring the cable described herein shall consist of this document.



Part	Nominal	Component	Shield		Finished Cable				Maximum
Description	Cross	Nominal	Size	Nom.	Nom.	Diameter			Weight
	Sectional	Diameter	(mm)	Dia.	Wall	(mm)			(kg/km)
	Area	(mm)		(mm)	(mm)				
	(mm²)					Min.	Nom.	Max.	
AFR75-1.5	1.5	2.69	0.13	3.25	1.10	5.19	5.45	5.72	58.89
AFR75-2.5	2.5	3.69	0.13	4.25	1.10	6.14	6.45	6.77	84.05
AFR75-4.0	4.0	4.69	0.13	5.25	1.10	7.09	7.45	7.82	116.75
AFR75-6.0	6.0	5.56	0.13	6.12	1.20	8.11	8.52	8.94	158.92
AFR75-10.0	10.0	7.00	0.13	7.56	1.30	9.68	10.16	10.67	243.43
AFR75-16.0	16.0	8.10	0.13	8.66	1.30	10.72	11.26	11.82	314.34
AFR75-25.0	25.0	10.40	0.13	10.96	1.40	13.10	13.76	14.45	474.40
AFR75-35.0	35.0	11.60	0.16	12.30	1.40	14.38	15.10	15.86	622.14
AFR75-50.0	50.0	13.70	0.16	14.40	1.40	16.38	17.20	18.06	835.63
AFR75-70.0	70.0	16.00	0.20	16.88	1.50	18.93	19.88	20.87	1097.30
AFR75-95.0	95.0	18.30	0.20	19.18	1.50	21.12	22.18	23.29	1450.30
AFR75-120.0	120.0	20.40	0.25	21.50	1.60	23.52	24.70	25.94	1885.91
AFR75-150.0	150.0	22.60	0.25	23.70	1.60	25.62	26.90	28.25	2262.63
AFR75-185.0	185.0	24.80	0.25	25.90	1.80	28.10	29.50	30.98	2680.45
AFR75-240.0	240.0	27.80	0.25	28.90	1.80	30.95	32.50	34.13	3387.33

XX = Nominal conductor cross sectional area

COLOUR CODE:

Z = Jacket colour - Grey preferred

Y = Component wire colour - Grey preferred

The Y and Z in the part description shall be replaced by a standard colour code designator in accordance with Mil Std 681. e.g. AFR75-4.0-8-8 is a 4mm<sup>2</sup> conductor, grey component, grey jacket.

PERFORMANCE Component to meet all the requirements of AFR35. Jacket to meet all the requirements of issue in effect WCD51/1619 REQUIREMENTS Routine dielectric test (Core/Screen) - 10kV a.c. (rms) for 1 minute - No breakdown.

Website: www.te.com

## APPROVAL:

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## Electronic sign off - no signatures will appear.

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