



TRH2583A Traffic Systems 'Non-armoured Energy Cable'

Application:	TR2153 motorway cable, highways agency approved cable National Motorway Communications System Specifications
Conductor:	3 core, stranded annealed copper cond
Insulation:	XLPE
Tape:	Binding tape
Sheath:	MDPE
Sheath colour:	Black
Core colours:	brown, blue & green/yellow
Voltage:	600/1000V
Min bending radius:	12 x overall diameter
Max conductor operating temp:	+90°C
Standards:	IEC60502



Size sqmm	Insulation thickness mm	Sheath thickness mm	Max overall dia mm	Copper conductor resistance ohm	Max safe pulling tension N	Max current rating in duct A	Volt drop per amp per m mV	Weight Kg/km	BATT Part No
10	0.7	.8	17.3	1.83	1775	75	4.1	455	16734
25	1.2	1.8	22.1	0.727	4425	124	1.65	1192	16735
35	1.4	1.8	24.5	0.524	5250	-	-	1623	16736
50	1.4	1.8	26.3	0.387	7500	161	0.87	2180	-
70	1.4	1.9	27.7	0.268	10500	196	0.6	3072	16488
95	1.6	2.0	33.9	0.193	14250	234	0.45	4220	-
120	1.6	2.1	38.0	0.153	18000	269	0.37	5302	-
150	1.8	2.3	43.2	0.124	22500	307	0.30	6515	-
185	2.0	2.6	45.6	0.0991	27750	-	-	8173	-
240	2.2	2.8	48.2	0.0754	36000	-	-	10705	-

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