

STEEL WIRE ARMoured TELECOMMUNICATIONS CABLES

APPLICATION

Multi-pair armoured telecommunications cables are intended for use in telecommunications links over relatively short runs in a robust environment that requires added mechanical protection (e.g. Mining environment).

MINES-DS2

CONSTRUCTION

CONDUCTOR	Tinned annealed copper conductors (0.6mm & 0.9mm)
INSULATION	Polyvinyl Chloride (PVC) insulation
TWINNING	Pair twisting - Two insulated conductors are twisted together to form a pair, identification being indicated by colour coding of the insulation. (2 Pair cables are also available in quad formation)
CABLE CORE ASSEMBLY	Twisted pairs are stranded into concentric layers starting with pair number 1 in the centre of the cable
CABLE CORE WRAPPING	Cable core binder tapes are applied when required
BEDDING SHEATH	Polyvinyl Chloride (PVC)
ARMOURING	Galvanized Steel Wire Armouring (SWA)
SHEATH	Polyvinyl Chloride (PVC)

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF PAIRS	PRODUCT CODE	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
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0.6mm² Conductors:

1 Quad	DS2 – 1QD 0.6mm	9.4	57	500 or 1000	182
2	DS2 – 2PR 0.6mm	9.5	57	500 or 1000	183
4	DS2 – 4PR 0.6mm	11.4	69	500 or 1000	250
5	DS2 – 5PR 0.6mm	11.6	70	500 or 1000	255
6	DS2 – 6PR 0.6mm	11.9	72	500 or 1000	280
10	DS2 – 10PR 0.6mm	13.3	80	500 or 1000	350
15	DS2 – 15PR 0.6mm	14.5	87	500 or 1000	420

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0.6mm² Conductors:					
20	DS2 – 20PR 0.6mm	15.6	94	500 or 1000	475
25	DS2 – 25PR 0.6mm	17.1	103	500 or 1000	570
30	DS2 – 30PR 0.6mm	18.3	110	500 or 1000	650
40	DS2 – 40PR 0.6mm	19.8	119	500 or 1000	750
51	DS2 – 51PR 0.6mm	23.0	138	500 or 1000	1060
76	DS2 – 76PR 0.6mm	26.4	159	500 or 1000	1360
102	DS2 – 102PR 0.6mm	30.0	180	500 or 1000	1850
0.9mm² Conductors:					
1 Quad	DS2 – 1QD 0.9mm	10.3	62	500 or 1000	239
2	DS2 – 2PR 0.9mm	10.4	63	500 or 1000	240
4	DS2 – 4PR 0.9mm	13.8	83	500 or 1000	350
5	DS2 – 5PR 0.9mm	14.2	86	500 or 1000	385
6	DS2 – 6PR 0.9mm	14.5	87	500 or 1000	400
10	DS2 – 10PR 0.9mm	18.0	108	500 or 1000	585
15	DS2 – 15PR 0.9mm	20.0	120	500 or 1000	725
20	DS2 – 20PR 0.9mm	22.4	135	500 or 1000	980
25	DS2 – 25PR 0.9mm	25.1	151	500 or 1000	1185
30	DS2 – 30PR 0.9mm	26.3	158	500 or 1000	1310
40	DS2 – 40PR 0.9mm	29.9	180	500 or 1000	1755
51	DS2 – 51PR 0.9mm	32.3	194	500 or 1000	1995
76	DS2 – 76PR 0.9mm	38.6	232	500 or 1000	2895
102	DS2 – 102PR 0.9mm	42.0	252	500 or 1000	3445

