

RAILWAY SIGNALLING CABLES ACCORDING TO SPECIFICATION CSE-1164-001

(PVC Insulated, PVC Bedding Sheath, SWA or DSTA, PVC Sheath)

APPLICATION

These cables are designed for use as outdoor railway signalling cables as required by railway administrations. Cables are suitable for direct burial and are armoured with either steel wires (SWA) or steel tapes (DSTA), depending on cable size.

RAILWAY-SIGNALLING

CONSTRUCTION

CONDUCTOR	Plain annealed copper conductors (1.6mm)
INSULATION	Polyvinyl Chloride (PVC) insulation
CABLE CORE ASSEMBLY	Colour coded cores are stranded into concentric layers (Reference/Marker colour scheme)
CABLE CORE WRAPPING	Cable core binder tapes are applied when required
CABLE CODING	Use of a PET tape with unique coding
BEDDING SHEATH	Polyvinyl Chloride (PVC)
ARMOURING	<u>Cables incorporating up to and including 9 cores:</u> Galvanized Steel Wire Armouring (SWA) <u>Cables incorporating 12 cores and more:</u> Steel Tape Armouring (DSTA)
SHEATH	Polyvinyl Chloride (PVC)

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF CORES	PRODUCT CODE	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
--------------	--------------	-----------------------	----------------------	--------------------------	----------------------

STEEL WIRE ARMOUR:

2	RAILWAY Signalling 2 CR 1.6mm	12.9	78	650	341
3	RAILWAY Signalling 3 CR 1.6mm	13.7	83	650	360
4	RAILWAY Signalling 4 CR 1.6mm	14.5	87	650	433
6	RAILWAY Signalling 6 CR 1.6mm	16.4	99	650	560
8	RAILWAY Signalling 8 CR 1.6mm	17.1	103	650	622
9	RAILWAY Signalling 9 CR 1.6mm	18.6	112	650	704

RAILWAY SIGNALLING CABLES ACCORDING TO SPECIFICATION CSE-1164-001

(PVC Insulated, PVC Bedding Sheath, SWA or DSTA, PVC Sheath)

Page 2 of 2

RAILWAY-SIGNALLING

PURCHASE CODES, WEIGHTS and DIMENSIONS

NO. OF CORES	PRODUCT CODE	OVERALL DIAMETER (mm)	MIN BEND RADIUS (mm)	STANDARD DRUM LENGTH (m)	CABLE WEIGHT (kg/km)
--------------	--------------	-----------------------	----------------------	--------------------------	----------------------

DOUBLE STEEL TAPE ARMOUR:

12	RAILWAY Signalling 12 CR 1.6mm	20.2	121	650	732
16	RAILWAY Signalling 16 CR 1.6mm	22.7	137	500	935
21	RAILWAY Signalling 21 CR 1.6mm	24.6	148	500	1135
27	RAILWAY Signalling 27 CR 1.6mm	27.7	167	500	1376
37	RAILWAY Signalling 37 CR 1.6mm	30.6	184	500	1805
52	RAILWAY Signalling 52 CR 1.6mm	36.1	217	500	2346
61	RAILWAY Signalling 61 CR 1.6mm	38.0	228	500	2650
64	RAILWAY Signalling 64 CR 1.6mm	39.0	234	500	2780

