

# UNDERGROUND LOCAL TYPE CABLE ACCORDING TO SPECIFICATION SCCA-5

(PE Insulated, PE Bedding Sheath, SWA, PVC Sheath)

## APPLICATION

These cables are designed for use as local distribution cables by railway administrations for inter connection applications between buildings, in stations, sidings and relative short distances from stations. Steel Wire Armouring (SWA) provides superior mechanical protection (e.g. cut through resistance).

RAILWAY-SCCA5

## CONSTRUCTION

CONDUCTOR	Plain annealed copper conductors 1.25mm
INSULATION	Polyethylene (PE) insulation
TWINNING	Pair twisting - Two insulated conductors are twisted together to form a pair, identification being indicated by colour coding of the insulation (Reference/Marker colour scheme)
CABLE CORE ASSEMBLY	Twisted pairs are stranded into concentric layers
CABLE CORE WRAPPING	Cable core binder tapes are applied when required
CABLE CODING	Use of a PET tape with unique coding
BEDDING SHEATH	Polyethylene (PE)
ARMOURING	Galvanised steel wire armouring
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)
2 (1QUAD)	RAILWAY SCCA5 – 1QD 1.25	12.0	72	500	283
4	RAILWAY SCCA5 – 4PR 1.25	17.0	102	500	480
8	RAILWAY SCCA5 – 8PR 1.25	20.5	123	500	774
10	RAILWAY SCCA5 – 10PR 1.25	22.3	134	500	905
15	RAILWAY SCCA5 – 15PR 1.25	26.4	159	500	1315
20	RAILWAY SCCA5 – 20PR 1.25	29.5	177	500	1625
25	RAILWAY SCCA5 – 25PR 1.25	31.9	192	500	1840
30	RAILWAY SCCA5 – 30PR 1.25	34.5	207	500	2290
38	RAILWAY SCCA5 – 38PR 1.25	37.3	224	500	2683
50	RAILWAY SCCA5 – 50PR 1.25	42.9	258	500	3610
100	RAILWAY SCCA5 – 100PR 1.25	59.0	354	500	6770

500V

