CBi electric Telecom Cables (Pty) Ltd
3 Marthinus Ras Street, Brits, North West
Tel : 012 381 1400
Fax : 012 250 3412

APL TRUNK TYPE CABLE ACCORDING TO SPECIFICATION SCCA-4

(PE Insulated, APL/PE Bedding Sheath, SWA, PE Sheath)

APPLICATION

These cables are designed for use as trunk distribution cables by railway administrations for inter connection applications over relatively long distances. Cables are constructed with a moisture barrier (APL), as well as Steel Wire Armouring (SWA). SWA provides superior mechanical protection (e.g. cut through resistance). RAILWAY-SCCA4

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
CABLE CODING	Use of a PET tape with unique coding
MOISTURE BARRIER	Aluminium Polyethylene Laminate (APL)
BEDDING SHEATH	Polyethylene (PE)
ARMOURING	Galvanised steel wire armouring
SHEATH	Polyethylene (PE)

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 SCCA4 – 1QD 1.25	15.1	91	500	366
4	RAILWAY SCCA4 – 4PR 1.25	23.1	139	500	765
8	RAILWAY SCCA4 – 8PR 1.25	27.1	163	500	1172
10	RAILWAY SCCA4 – 10PR 1.25	30.4	183	500	1380
15	RAILWAY SCCA4 – 15PR 1.25	35.3	212	500	1955
20	RAILWAY SCCA4 – 20PR 1.25	39.7	239	500	2385
25	RAILWAY SCCA4 – 25PR 1.25	43.5	261	500	2895
30	RAILWAY SCCA4 – 30PR 1.25	47.5	285	500	3400
38	RAILWAY SCCA4 – 38PR 1.25	50.8	305	500	3935
50	RAILWAY SCCA4 – 50PR 1.25	58.2	350	500	5215

1000V