



SE 1047 TYPE 4 1PR CONCENTRIC
SE 1047 TYPE 4 3PR CONCENTRIC
SE 1047 TYPE 4 7PR CONCENTRIC

Electrical Characteristics	
Conductor DCR	100Ω/km max
Concentric return DCR	9.66Ω/km max
Core insulation resistance	35MΩ/km min
Screen insulation resistance	35MΩ/km min

Cable Performance	
Sheath stability	< 5%
Cold bend	-10°C
Crush	160KN
Abrasion	500 cycles

PRODUCT DESCRIPTION:

This safety critical range of signalling cables are used between the signalling central termination frame and vital signalling equipment.

PRODUCT CHARACTERISTICS:

Core/Pair Component

- Conductor: Solid tinned copper
- Insulation: Black polyolefin insulation compound
- Concentric Return: Tinned copper,
- Binder: Polyester tape
- Screen Insulation: Black flame retardant halogen free compound
- Concentric Screen: Tinned copper braid, 70% coverage
- Sheath: Flame retardant halogen free compound

Cable Assembly

- Components flame retardant halogen free fillers cabled together
- Outer Sheath: Flame retardant halogen free compound

Fire Performance:

- Flammability: IEC 60332-3C
- Smoke Emission: PASS
- Toxicity: PASS

Core Identification

Numbered

The information contained in this document is valid and correct at the time of issue. However, we reserve the right to modify details without notice in the light of subsequent Standard / Specification changes and ongoing technical developments. Diagram colours are used for representation only.

