

# Signalling Cable Type C1, C2, C3 TPWS

## Application

Heavy duty signalling cable suitable for tails.



## Standards

NR/PS/SIG/00005  
(formerly RT/E/PS/00005)

## Conductor

Class 5 tinned conductor to BS EN 60228:2005 (previously BS6360)

## Insulation

EPR (Ethylene Propylene Rubber)  
Type GP4 to BS7655

## Drain Wire

Type C3 only

## Separator

PETP (Polyethylene Terephthalate)

## Sheath

HDPCP (Heavy Duty Polychloroprene)  
Type RS2 to BS7655

## Sheath Colour

Black

## Voltage Rating

650/1100V

## Temperature Rating

-25°C to +85°C

## Dimensions

Rail Catalogue Number	Cable Type	No. of Cores x Nominal Cross Sectional Area # x mm <sup>2</sup>	No. and Nominal Diameter of Strands #/mm	Nominal Thickness of Sheath mm	Overall Diameter Min. mm	Overall Diameter Max. mm	Nominal Weight kg/Km
006/120130	C1	1 x 2.5	50/0.25	3.8	11.2	14.0	174
006/120140	C2	2 x 2.5	50/0.25	3.8	14.9	18.8	338
006/120141	C2	4 x 2.5	50/0.25	3.8	16.4	20.9	450
006/120142	C2	7 x 2.5	50/0.25	3.8	18.7	23.7	612
006/120143	C2	10 x 2.5	50/0.25	3.8	22.5	28.6	836
006/120144	C2	12 x 2.5	50/0.25	3.8	23.2	29.3	909
006/160086	C3 TPWS	1 x 2 x 2.5	50/0.25	3.8	15.0	20.0	341

## Conductors

### Class 5 flexible copper conductors for single core and multi-core cables

1	2	4
Nominal Cross Sectional Area mm <sup>2</sup>	Maximum Diameter of Wires in Conductor mm <sup>2</sup>	Maximum Resistance of Conductor at 20°C
		Metal-Coated Wires ohms/Km
2.50	0.26	8.2100

Table in accordance with BS EN 60228:2005 (previously BS6360).