

## TECHNICAL DATA SHEET

### NR/PS/SIG/00005 TYPE E1, E2, E3

<b><u>Manufacturing Standard</u></b>	NR/PS/SIG/00005
<b><u>Flame Propagation</u></b>	BS EN/IEC 60332-1-2

#### **Applications**

Heavy duty EPR Insulated, LSZH Sheathed Multicore Signalling Cables suitable for tails



#### **Construction**

- Class 5 Annealed Flexible Copper Conductor to BS EN60228
- Ethylene Propylene Rubber (EPR) Insulated
- Drain Wire (Type E3 only)
- AL/PETP Tape (Type E3 only)
- Low Smoke Zero Halogen (LSZH Sheathed)

<b>Core Identification</b>	Black cores with White printed numbers
<b>Sheath Colour</b>	Black
<b>Voltage Rating</b>	650/1100V
<b>Operating Temp</b>	-25°C to +85°C

## TECHNICAL DATA

Network Rail PADS/No.	Cable Type	No of Cores & Nominal Cross Sectional Area of Conductor	Minimum Overall Diameter	Maximum Overall Diameter	Maximum DC Conductor Resistance @ 20°C	Approximate Cable Weight
		mm <sup>2</sup>	mm	mm	Ω/Km	Kg/Km
006/120172	E1	1 X 2.50	11.20	14.00	8.21	174
006/120170	E2	2 X 2.50	14.90	18.80	8.21	359
006/120171	E2	4 X 2.50	16.40	20.90	8.21	445
006/120173	E2	7 X 2.50	18.70	23.70	8.21	590
006/120174	E2	10 X 2.50	22.50	28.60	8.21	784
006/120175	E2	12 X 2.50	23.20	29.30	8.21	868
006/160090	E3	2 + E x 2.50	15.00	20.00	8.21	341