



SCREENED TYPE A4 TPWS CABLE

	0.75mm ²	2.5mm ²
Cable Characteristics		
Temperature Range	-46°C to 80°C	-40°C to 80°C
Minimum Bend Radius	30mm	30mm
Weight	60kg/km nominal	158kg/km nominal
Lay Length	55mm nominal	95mm nominal
DC Resistance	26.7Ω/km	8.21Ω/km maximum
Impedance	78.5Ω ± 8.5Ω @ 65kHz	78.5Ω ± 8.5Ω @ 65kHz
Capacitance	95nF/km ± 10nF/km @ 65kHz	95nF/km ± 10nF/km @ 65kHz
Attenuation	0.65dB/100m maximum @ 65kHz	0.5dB/100m maximum @ 65kHz
Diameter	6.4 ± 0.4mm	9.9 ± 0.4mm

PRODUCT DESCRIPTION

These light duty screened cables are generally for internal use with TPWS (Train Protection Warning System).

PRODUCT CHARACTERISTICS:

Primary

Conductor: Tinned copper
 Insulation: Irradiation crosslinked polyethylene

Cable Assembly

Assembly: 2 cores plus tinned copper drainwire plus filler, cabled together
 Screen: Aluminium/Polyester tape
 Sheath: Black irradiation crosslinked ZHLS elastomer

Colour Code

Item 1: Blue
 Item 2: White

Cable is approved to Railtrack RT/E/PS/00005 Type A4 Certificate No. PA05/702

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.