

Specification

Code-Nr.: CK059 H2

Photos

CW **PE** **CU** **PVC2** **PLSF**
 ø 0,58 mm ø 3,70 mm ø 4,10 mm ø 6,20 mm ø 10,00 mm



| **A** | **B** | **C** | **D** | **E** |

Electrical properties

Impedance	75 ± 3 Ohm
Capacitance	67 pF/m
Velocity ratio	66%
Voltage	Operating : 300 Vca Test : 2000 Vca
Cores Resistance	26 Ohm/Km
Resistance	Inner conductor : 154 Ohm/Km Braid : 13 Ohm/Km

Attenuations dB/100m :

• 5 MHz	2.3
• 10 MHz	3.1
• 50 MHz	7.4
• 100 MHz	10.7
• 300 MHz	19.4
• 600 MHz	28.7
• 1000 MHz	38.0
• 2150 MHz	60.9
• 3000 MHz	72.7

Structural Return Loss dB :

• 30-300 MHz	> 31
• 300-600 MHz	> 28
• 600-1000 MHz	> 24
• 1000-2000 MHz	> 18
• 2000-3000 MHz	> 14
•-..... MHz	>

Screening Effectiveness dB :

• 100-900 MHz	> 57
• 900-2000 MHz	>
• 2000-3000 MHz	>

Mechanical properties

A Inner Conductor, Copperweld	Dimension : \varnothing 0.58 mm
B Dielectric, Low Density Polyethylene	Dimension : \varnothing 3.70 \pm 1.10 mm
C Braid, Plain Copper, Coverage	Dimension : 168 x 0.10mm, 92%
D Sheath, Non-Contaminating Polyvinyl-Chloride	Dimension : \varnothing 6.20 \pm 0.10 mm
<ul style="list-style-type: none">• Colour	Black-RAL 9004
Electrical Cables	
<ul style="list-style-type: none">• Plain Copper• Flame Retardant Polyvinyl-Chloride• Colour	2 x 0.75 mm ² 2 X \varnothing 2.00 \pm 0.10 mm Red-Black
E Sheath, Flame Retardant Polyvinyl-Chloride	Dimension : \varnothing 10.00 \pm 0.30 mm
<ul style="list-style-type: none">• Colour	Grey-RAL 7001
Minimum Bending Radius (mm) :	
<ul style="list-style-type: none">• Single• Repeated	\varnothing External x 5 \varnothing External x 10
Copper Weight	28.3 Kg/Km
Plastic Weight	112.6 Kg/Km
Total Weight	140.9 Kg/Km
Temperature	-25°C to +80°C