

Specification

Code-Nr.: HF50S Low Loss

Photos



Mechanical properties

<p>A</p> <ul style="list-style-type: none"> • Material • Dimension • Sheath's colour • Sheath's printing <p>B</p> <ul style="list-style-type: none"> • Material • Dimension • Percentage coverage <p>C</p> <ul style="list-style-type: none"> • Material • Percentage coverage <p>D</p> <ul style="list-style-type: none"> • Material • Dimension <p>E</p> <ul style="list-style-type: none"> • Material • Dimension 	<p>Polyvinyl-Chloride Sheath PVC Ø5.00 ±0.10mm black HF50LowLoss</p> <p>Tinned copper outer conductor CS 96 x 0.10mm 72%</p> <p>Aluminium+polyester+aluminium tape shield LTA 100%</p> <p>Foam polyethylene dielectric PEE Ø3.10 ± 0.10mm</p> <p>Tinned copper inner conductor CS 7 x 0.40 mm</p> <p>Copper weight 15,3 Kg/km Cable weight 33,9 Kg/Km</p> <p>Temperature range -30°C - +70°C</p>
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Electrical properties

<p>Electrical performance</p> <ul style="list-style-type: none"> • Impedance • Capacitance • Velocity ratio <p>Screening Effectiveness Attenuation dB/100m</p>	<p>50 ± 3 Ohm 80 pF/m 80%</p> <p>100-900 MHz >80</p>
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FQ	50MHz	100MHz	400MHz	600MHz	860MHz	1000MHz	1750MHz	2400MHz
dB/100m	8.8	11.8	24.6	31.1	38.2	42.3	58.2	71.3

<p>Inner conductor resistance Outer conductor resistance</p>	<p>20.5 Ohm/km 23 Ohm/km</p>
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