

# URM70 75Ω BS2316 91% Braid LSZH FireFighter®

## Cable Design *75 Ω Coaxial*

<b>Conductor</b>	Stranded tinned copper wire
Stranding	7/0,20 mm Ø 0,60 mm
<b>Dielectric</b>	Solid Polyethylene (PE)
Diameter	Ø 3,25 ± 0,15 mm
<b>Braid</b>	Tinned copper braid
Coverage	91 ± 4 %
Diameter	Ø 3,93 ± 0,20 mm
<b>Outer Jacket</b>	LSZH FireFighter®
Diameter	Ø 5,80 ± 0,25 mm



## Mechanical and Thermal Characteristics

Operating Temperature	-40°C up to +70°C
Crush	< 1% (load of 700N)
Min. Installation Temp.	-5%
Min. Static bend radius	30 mm
Tensile strength	> 12,5 N/mm <sup>2</sup>

## Electrical Data

Mean Characteristic Impedance	75±3	Ohm
Regularity of Impedance	> 40	dB
DC resistance inner conductor	≤ 92	Ohm/km
Capacitance	67 ± 2	pF/m
Nom. Velocity of Propagation	66	%
Insulation resistance	> 2,10 <sup>4</sup>	MOhm.km
Voltage rating	> 3,6	kV DC
	> 1,8	kV rms