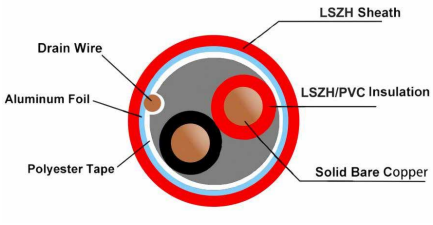
ALV-FR-2*0.8-CU-LSZH

2 Core Fire Cable 2x0.8mm² Copper 100%





Application

Screened two core Fire Resistant cable for Fire detection and fire alarm systems, Voice alarmsystems, emergency voice communication, Emergency and escape lighting, Control circuitsforlife safety and fire fighting systems, Other essential service control circuits for Standard fireresistance.

Design

Conductor	2 x Solid Bare Copper wire
Insulation	PVC
Mylar	Yes
Drain Wire	Solid CCA wire
Screen	Aluminium foil
Sheath Material	Low Smoke Zero Halogen(LSZH)
Standard Colour:	Red
Standard Put Up Length	100, 305 and 500 meters

Physical Characteristics

No of cores x cross section	2 x 0.8 mm²
Nom. Diameter Conductor	1 x 1.0 mm
Nom. Radial Thickness Insulation	0.7 mm
Nom. Cross Section Drain Wire	0.40 mm CCA
Screen Coverage (%)	115%
Nom. Overall Diameter	7.0 mm
Cable weight	3.7 kgs/100m
Operating Temperature	-20°C to +90°C
Installation Temperature	-15°C to +90°C
Minimum bending radius	75 mm
Max. recommended pulling tension	205 N
Packaging	100m in roll PE film
Certification	CE & ROHS
Standard	ISO

Electrical Characteristics at 20°C

Max. DC Resistance Conductor	24.5 Ω/km
Nom. Capacitance conductor to conductor	87 pF/m
Nom. Capacitance conductor to rest	160 pF/m
Min. Insulation Resistance	200 MΩ*km
Max. recommended current at 25°C	12 Amps
Max. Operating Voltage	300/500 V