



Caledonian

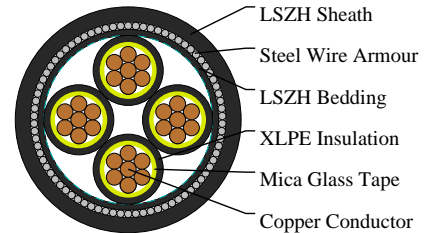
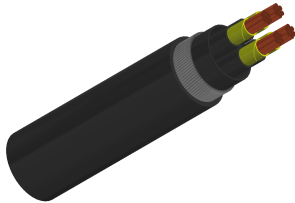
Railway Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

0.6/1KV Limited Fire Hazard/Fire Survival Multicore Armoured Cables to EME-SP-14-027

RF14027-RZ1MZ1-U-MICA(AS+)-0.6/1KV-4G16S



APPLICATIONS

The cables are designed for station range installation typically in public help points (PHP), public address (PA), station announcement platforms (SAP) & CCTV camera power systems. The LSZH cables has been designed to provide superior flame retardance and circuit integrity if necessary, suitable for installation where fire, smoke emission and toxi fumes may create a potential threat.

STANDARDS

EME SP 14 027:LUL version of BS6724 for fire retardant version and BS6387 for fire resisting version
UNE 21123

VOLTAGE RATING

0.6/1KV

CABLE CONSTRUCTION

Conductors: Stranded plain copper conductors to IEC 60228 class 2 or 5.

Fire Barrier Tape: Mica.

Insulation: XLPE Insulation.

Bedding: LSZH bedding

Armoured: SWA

Outer sheath: LSZH Sheath

PHYSICAL AND THERMAL PROPERTIES

Miniumum Bending Radius: 8 x OD

Operating Temperatures: 0°C to +90°C (during operation); 0°C to +70°C (during installation)

DIMENSION AND PARAMETERS

| No. of Cores × Cross-sectional Area | No./Nominal Diameter of Strands | Nominal Sheath Thickness | Nom. Overall Diameter | Approx. Weight | Max. DC Resistance at 20°C |
|--|---------------------------------|--------------------------|-----------------------|----------------|----------------------------|
| No.×mm ² | no./mm | mm | mm | kg/km | Ω/km |
| 4 x 16 | 7/1.7 | 1.6 | 22.5 | 1367 | 1.15 |



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Highly Flexible



Impact Resistant



Insulation
Integrity FE180



Laid In Ducts



Oil Resistant



Water Resistant