



# Caledonian

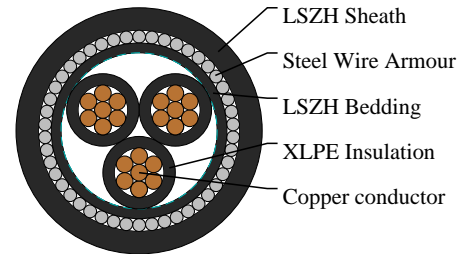
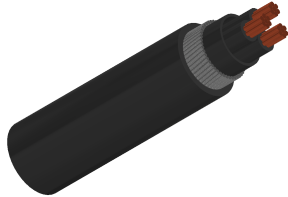
Railway Cables

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

RF14027-RZ1MZ1-U(AS)-0.6/1KV-3G6S



### 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 toxic 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.

Insulation: XLPE Insulation.

Bedding: LSZH bedding.

Armoured: SWA.

Outer sheath: LSZH Sheath.

### PHYSICAL AND THERMAL PROPERTIES

Minimum 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<br>× Cross-sectional Area | No./Nominal Diameter of Strands | Nominal Sheath Thickness | Nom. Overall Diameter | Approx. Weight | Max. DC Resistance at 20°C |
|--|---------------------------------|--------------------------|-----------------------|----------------|----------------------------|
| No.×mm <sup>2</sup>                    | no./mm                          | mm                       | mm                    | kg/km          | Ω/km                       |
| 3 x 6                                  | 7/0.104                         | 1.4                      | 14.4                  | 523            | 3.08                       |



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Highly Flexible



Impact Resistant



Insulation Integrity FE180



Laid In Ducts



Oil Resistant



Water Resistant