



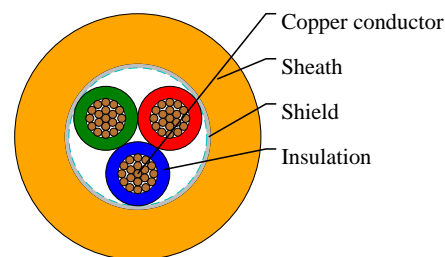
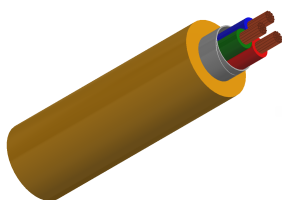
# Caledonian

Automotive Cables

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## AESSXF-ALS 3C0.5



## APPLICATIONS

This XLPE insulated cable is used in low voltage signal circuits in automobiles. Superior heat resistant with irradiated PE. Suitable for the consideration of the flexibility and shielding characteristic. Shielding wire is consist of drain wire included Al-Mylar tape around core.

## STANDARDS

JASO D608; HMC ES SPEC

## CABLE CONSTRUCTION

Conductor: Annealed stranded copper

Insulation: XLPE

Shield: Al-Mylar Tape

Sheath: PVC

Standard Compliance: JASO D608; HMC ES SPEC

## PHYSICAL AND THERMAL PROPERTIES

Operating temperature: -40 °C to +120 °C

## DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-<br>sectional<br>Area | No. and Dia.<br>of Wires | Diameter of<br>Conductor<br>(max.) | Nominal<br>Insulation<br>Thickness | Overall<br>Diameter<br>(min.) | Overall<br>Diameter<br>(max.) | Approx.<br>Weight | Electrical<br>Resistance<br>at 20°C<br>(max.) |
|---|--------------------------|------------------------------------|------------------------------------|-------------------------------|-------------------------------|-------------------|---|
| No.×mm <sup>2</sup>                           | no./mm                   | mm                                 | mm                                 | mm                            | mm                            | kg/km             | MΩ/m  |
| 3/0.5   | 19/0.19                  | 1.0                                | 0.3                                | 4.7                           | 4.9                           | 38                | 35.03   |