

# WIRE & CABLE

## ACT260

### Airframe wiring and interconnect cables

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#### Applications

Effective cables for challenging and hazardous environments. Used predominantly throughout the aerospace industry. Additional applications include communications, automotive, mass transit, defence/marine, oil, gas and petrochemical plants.

#### Features & Benefits

- Low weight/volume
- Resistance to oils and solvents
- High and low temperature capabilities
- Excellent fire resistance
- Low smoke and fume properties
- Excellent physical performance and aging properties
- Approved by Civil Aviation Authority

#### Performance

- Meet requirements of BSG230 Test 42 (Resistance to arc tracking)

#### Operating Temperature

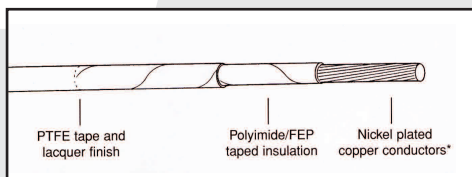
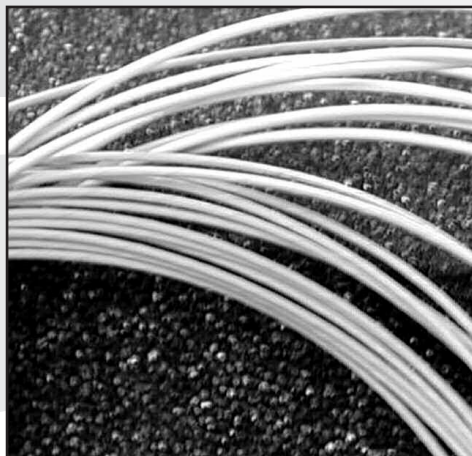
- -65°C to +260°C (on all ACT260 types)

#### Voltage Rating

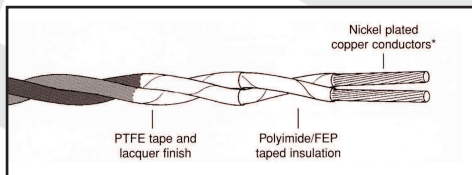
- 600 volts rms at 2000Hz (on all ACT260 types)

#### Specifications

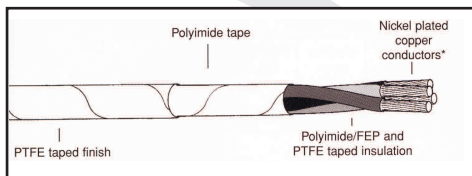
- ACT260 Type 01
- ACT260 Type 02
- ACT260 Type 03
- ACT260 Type 04
- ACT260 Type 05
- ACT260 Type 06



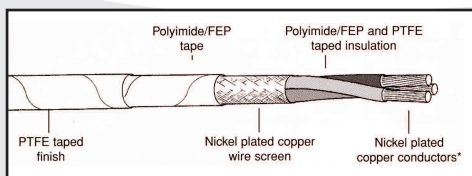
Single Core



Twisted Single Cores



Jacketed



Screened & Jacketed



#### Single Core

Part Number	Wire Type	Description	Gauge Size AWG	Weight kg/km	Colours
ACT260	01	Single core interconnect wire	16 - 24	14.11 - 2.7	White
ACT260	02	Single core airframe wire	12 - 24	30.1 - 2.96	White

#### Twisted Single Cores

Part Number	Wire Type	Description	Gauge Size AWG	Weight kg/km	Colours
ACT260	01	Twisted pair interconnect wire	16 - 24	29.1 - 5.5	Red & Blue
ACT260	01	Twisted triple interconnect wire	16 - 24	43.6 - 8.24	Red, Blue & Yellow
ACT260	01	Twisted quad interconnect wire	16 - 24	58.13 - 11	Red, Blue, Yellow & Green
ACT260	02	Twisted pair airframe wire	12 - 24	61.9 - 6.11	Red & Blue
ACT260	02	Twisted triple airframe wire	12 - 24	92.9 - 9.2	Red, Blue & Yellow
ACT260	02	Twisted quad airframe wire	12 - 24	123.9 - 12.22	Red, Blue, Yellow & Green

#### Jacketed

Part Number	Wire Type	Description	Gauge Size AWG	Weight kg/km	Colours
ACT260	03	2-Core interconnect cable	16 - 24	30.2 - 6.1	Red & Blue
ACT260	03	3-Core interconnect cable	16 - 24	44.9 - 8.9	Red, Blue & Yellow
ACT260	03	4-Core interconnect cable	16 - 24	59.6 - 11.7	Red, Blue, Yellow & Green
ACT260	04	2-Core airframe cable	12 - 24	63.6 - 6.75	Red & Blue
ACT260	04	3-Core airframe cable	12 - 24	94.8 - 9.9	Red, Blue & Yellow
ACT260	04	4-Core airframe cable	12 - 24	125.9 - 13	Red, Blue, Yellow & Green

#### Screened & Jacketed

Part Number	Wire Type	Description	Gauge Size AWG	Weight kg/km	Colours
ACT260	05	Single Core interconnect cable	16 - 24	22.3 - 7.2	White
ACT260	05	2-Core interconnect cable	16 - 24	41.8 - 12.2	Red & Blue
ACT260	05	3-Core interconnect cable	16 - 24	58.8 - 16	Red, Blue & Yellow
ACT260	05	4-Core interconnect cable	16 - 24	74 - 19	Red, Blue, Yellow & Green
ACT260	06	Single Core airframe cable	12 - 24	41.7 - 7.99	White
ACT260	06	2-Core airframe cable	12 - 24	80.5 - 13.6	Red & Blue
ACT260	06	3-Core airframe cable	12 - 24	115.2 - 17.9	Red, Blue & Yellow
ACT260	06	4-Core airframe cable	12 - 24	147.4 - 21.2	Red, Blue, Yellow & Green

**Note:** The outer jacket colour for all the above cables is white. For further information, technical data or assistance with your specific ACT260 wire and cable requirements, please contact us.