

ACT150 Wire

Taped, 150°C rated

Airframe wire and interconnect cables



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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

Performance

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

Operating Temperature

- -65°C to +150°C

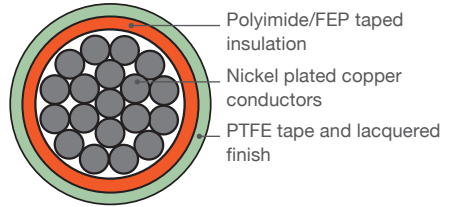
Voltage Rating

- 600 volts rms at 2000Hz

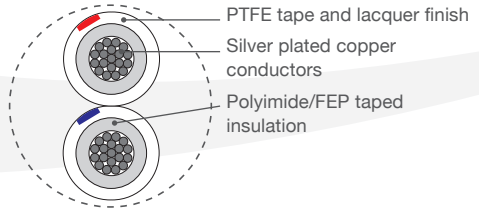
Specifications

- ACT150 Type 01
- ACT150 Type 02
- ACT150 Type 03
- ACT150 Type 04
- ACT150 Type 05
- ACT150 Type 06

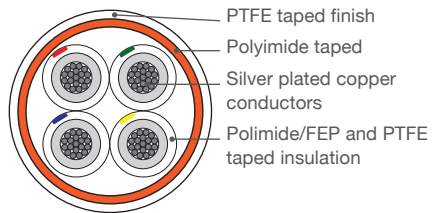
Single Core



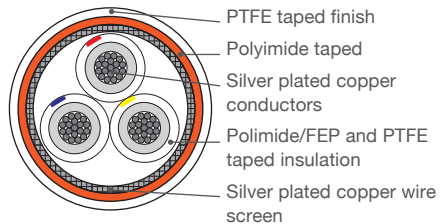
Twisted Pair



Jacketed



Screened & Jacketed



Note

For further information, technical data or assistance with your specific ACT150 wire and cable requirements please contact us.

Single Core

Part Number	Wire Type	Description	Gauge AWG	Max Weight kg/km	Colours
ACT150	01	Single core interconnect wire	16 - 24	14.11 - 2.7	See note below
ACT150	02	Single core airframe wire	12 - 24	30.1 - 2.96	See note below

Note: All colours are Pastel shades.

Size 24 = Blue, Size 22 = Green, Size 20 = Red, Size 18 = White, Size 16 = Blue, Size 14 = Green, Size 12 = Yellow.

Twisted Single Cores

Part Number	Wire Type	Description	Gauge AWG	Max Weight kg/km	Colours
ACT150	01	Twisted pair interconnect wire	16 - 24	29.1 - 5.5	See note below
ACT150	01	Twisted triple interconnect wire	16 - 24	43.6 - 8.24	See note below
ACT150	01	Twisted triple interconnect wire	16 - 24	58.13 - 11	See note below
ACT150	02	Twisted pair airframe wire	12 - 24	61.9 - 6.11	See note below
ACT150	02	Twisted triple airframe wire	12 - 24	92.9 - 9.2	See note below
ACT150	02	Twisted quad airframe wire	12 - 24	123.9 - 12.22	See note below

Note: All colours are Pastel shades with spiral stripe.

Size 24 = Blue, Size 22 = Green, Size 20 = Red, Size 18 = White, Size 16 = Blue, Size 14 = Green, Size 12 = Yellow.

Stripes: Twisted pair = red & blue, twisted triple = red, blue & yellow, twisted quad = red, blue, yellow & green.

Jacketed*

Part Number	Wire Type	Description	Gauge AWG	Max Weight kg/km	Colours
ACT150	03	2-Core interconnect cable	16 - 24	30.2 - 6.1	See note below
ACT150	03	3-Core interconnect cable	16 - 24	44.9 - 8.9	See note below
ACT150	03	4-Core interconnect cable	16 - 24	59.6 - 11.7	See note below
ACT150	04	2-Core airframe cable	12 - 24	63.6 - 6.75	See note below
ACT150	04	3-Core airframe cable	12 - 24	94.8 - 9.9	See note below
ACT150	04	4-Core airframe cable	12 - 24	125.9 - 13	See note below

Screened & Jacketed*

Part Number	Wire Type	Description	Gauge AWG	Max Weight kg/km	Colours
ACT150	05	Single Core interconnect cable	16 - 24	22.3 - 7.2	See note below
ACT150	05	2-Core interconnect cable	16 - 24	41.8 - 12.2	See note below
ACT150	05	3-Core interconnect cable	16 - 24	58.8 - 16	See note below
ACT150	05	4-Core interconnect cable	16 - 24	74 - 19	See note below
ACT150	06	Single Core airframe cable	12 - 24	41.7 - 7.99	See note below
ACT150	06	2-Core airframe cable	12 - 24	80.5 - 13.6	See note below
ACT150	06	3-Core airframe cable	12 - 24	115.2 - 17.9	See note below
ACT150	06	4-Core airframe cable	12 - 24	147.4 - 21.2	See note below

***Note:** All colours are Pastel shades with spiral stripe and outer jacket is white.

Size 24 = Blue, Size 22 = Green, Size 20 = Red, Size 18 = White, Size 16 = Blue, Size 14 = Green, Size 12 = Yellow.

Stripes: 2-Core = red & blue, 3-core = red, blue & yellow, 4-Core = red, blue, yellow & green.