



ACT150 MULTICORE JACKETED AIRFRAME WIRING AND INTERCONNECT CABLES

| Conductor | | | | Nominal Core Diameter mm | Finished Cable | | |
|---------------------------------------|-----------------------------|---------------------|------------------------------|--------------------------|------------------|--------|-------------------|
| Size AWG | Number Diameter Of Wires mm | Nominal Diameter mm | Maximum Resistance 20°C Ω/Km | | Overall Diameter | | Max. Weight kg/km |
| | | | | | Min mm | Max mm | |
| 2 core, Type 03 - interconnect cables | | | | | | | |
| 24 | 19/0.12 | 0.56 | 110.0 | 0.85 | 1.77 | 2.23 | 6.06 |
| 22 | 19/0.15 | 0.72 | 61.0 | 1.01 | 2.07 | 2.53 | 8.94 |
| 20 | 19/0.20 | 0.97 | 33.8 | 1.26 | 2.57 | 3.03 | 14.61 |
| 18 | 19/0.25 | 1.22 | 21.5 | 1.51 | 3.07 | 3.53 | 21.70 |
| 16 | 19/0.30 | 1.47 | 14.8 | 1.76 | 3.57 | 4.05 | 30.22 |
| 3 core, Type 03 - interconnect cables | | | | | | | |
| 24 | 19/0.12 | 0.56 | 110.0 | 0.85 | 1.90 | 2.39 | 8.88 |
| 22 | 19/0.15 | 0.72 | 61.0 | 1.01 | 2.22 | 2.71 | 13.16 |
| 20 | 19/0.20 | 0.97 | 33.8 | 1.26 | 2.76 | 3.25 | 21.60 |
| 18 | 19/0.25 | 1.22 | 21.5 | 1.51 | 3.30 | 3.79 | 32.18 |
| 16 | 19/0.30 | 1.47 | 14.8 | 1.76 | 3.84 | 4.35 | 44.89 |
| 4 core, Type 03 - interconnect cables | | | | | | | |
| 24 | 19/0.12 | 0.56 | 110.0 | 0.85 | 2.10 | 2.64 | 11.69 |
| 22 | 19/0.15 | 0.72 | 61.0 | 1.01 | 2.46 | 3.00 | 17.38 |
| 20 | 19/0.20 | 0.97 | 33.8 | 1.26 | 3.07 | 3.61 | 28.60 |
| 18 | 19/0.25 | 1.22 | 21.5 | 1.51 | 3.67 | 4.21 | 42.65 |
| 16 | 19/0.30 | 1.47 | 14.8 | 1.76 | 4.28 | 4.84 | 59.56 |

* Size 24 is silver plated copper alloy

PRODUCT DESCRIPTION:

These cables with arc tracking resistance comprise a number of ACT150 single core cables twisted together and protected by a polyimide and PTFE taped outer jacket. They are produced to Brand-Rex specification ECM66 and approved by the Civil Aviation Authority.

PRODUCT CHARACTERISTICS:

Voltage rating: 600 volts rms at 2000Hz
Operating temperature range: -65°C to +150°C

Performance

These cables meet the requirements of BSG230 Test 42 - Resistance to arc tracking

Colours

| | |
|---------|---------------------------------|
| Size 24 | Pastel Blue with spiral stripe |
| Size 22 | Pastel Green with spiral stripe |
| Size 20 | Pastel Red with spiral stripe |
| Size 18 | Pastel White with spiral stripe |
| Size 16 | Pastel Blue with spiral strip |

Multicores with striping

| | |
|---------------|------------------------------|
| 2 core cables | Pastel Red/blue |
| 3 core cables | Pastel Red/blue/yellow |
| 4 core cables | Pastel Red/blue/yellow/green |