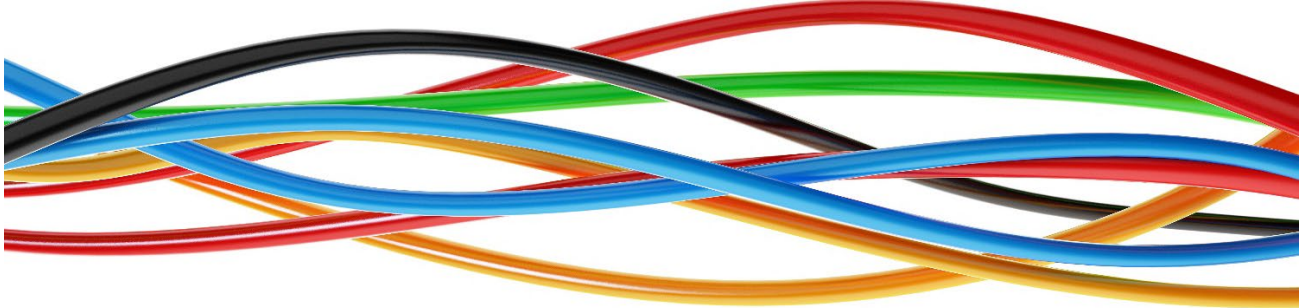




Amokabel  
Cable and Wire



## Defence & Marine



As an approved supplier of copper and fibre optic cables for military and marine applications, Amokabel Brand-Rex offer complex cables and hybrid constructions with high performance insulating and outer materials optimised for military systems and infrastructure.

### Product Lines:

- Def Stan 60-1 Part 1 and 2 (optical cables)
- Def Stan 61-12 Part 9, 12, 17, 18, 25, 31, 33
- Def Stan 02-526 and 02-527
- PTFE products
- Detonator cables
- High-performance optical cables
- High-performance LSZH sheathed optical distribution cables/optical ruggedized patch cables

### Applications:

- Fibre optic communication cables (command and control)
- Connecting power sources
- Fighter jets
- Weapons systems
- Shipboard (surface and submarine radar systems)



## Aerospace



The aerospace sector has relied on Amokabel Special Cables Brand-Rex cabling options for over 50 years. Amokabel Special Cables being AS9100:2016 and ISO9001:2015 approved manufacturer, we're the perfect partner to supply mission-critical cabling that complies with the safety and performance criteria specified by this global standard.

### Product Lines:

- PTFE extruded products
- High-temp hook-up wire
- Arc track resistant composite wire
- High-temp textile braided cables
- EFWRAP spiral cable protection

### Applications:

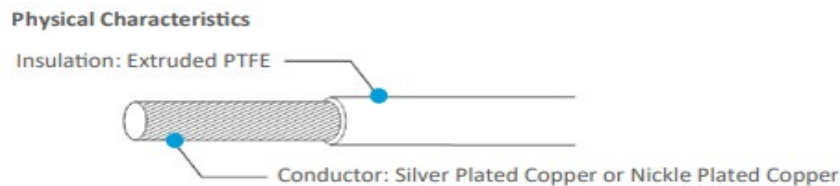
- Fuselage and wing harness wiring
- Landing gear wiring
- Data bus cables
- Mission and electronic systems wiring



Amokabel manufactures Brand-Rex High Performance Cable and wire for harsh environments, able to withstand extreme conditions like high temperatures, flame, and chemicals. Whether you need PTFE wires and ETFE thermocouple cables for critical temperature sensing, flame retardant cables for mass transit applications, single core wire, multiconductor copper and fibre optic cables for energy, industrial and defence systems, Amokabel Special Cables products will suit.

### PTFE Wire to BS 3G210

- High levels of thermal and chemical resistance
- Resistant to acid, alkalis, solvents, hydraulic fluid, fuels, oils, lubricant
- Resistant to solder iron damage
- Non-flammable and highly flexible



Summary of Characteristics					
Type	Conductor	Temperature °C	Voltage	Conductor Sizes	Stranding Options
A	Silver Plated Copper	190	300	20awg - 32awg	Solid, 7 & 19
B	Silver Plated Copper	190	600	18awg - 32awg	Solid, 7 & 19
C	Silver Plated Copper	190	1000	10awg - 32awg	Solid, 7, 19 & 37
NA	Nickel Plated Copper	260	300	20awg - 32awg	Solid, 7 & 19
NB	Nickel Plated Copper	260	600	18awg - 32awg	Solid, 7 & 19
NC	Nickel Plated Copper	260	1000	10awg - 32awg	Solid, 7, 19 & 37

Standard Colour Options: Red, Blue, Green, Yellow, Black, White, Brown, Violet, Orange, Grey & Pink

### Approvals and Certifications:

Amokabel cabling products and manufacturing practices are stringently and continuously scrutinized to meet or exceed internationally recognized standards.

- ISO 9001, 14001 & 50001
- IATF 16949
- AS 9100

### Key Facts:

- 8000 unique designs
- 4-6 weeks lead-time