

2100 - Flexible cables for high ambient temperatures

2100 1.91 G14
Nexans ref.: 10035564
EAN 13: 3427570024804

2100 - Flexible cables for high ambient temperatures

Description

MAIN CHARACTERISTICS

These cables are designed for use at high ambient temperatures up to 280°C at peak. Excellent flame resistance. Non-flammable. They withstand most solvents.

STANDARDS

To AIR 4524, B.N.Aé, MIL-W-22759 D & B.M.S. 13-58 These cables are approved by Air Ministry under letters : N°42707 STA/EQ/E2 (03-12-Registered at the B.N.Aé : N° 6418 401 .

TECHNICAL REQUIREMENTS AND CONTROL CONDITIONS

Air4524 Specification of September 1965 - Category 250/280°C, NF.L 52-125A
 French Draft Specification - Category C, of July 1978 - Standard cables.

INTERCHANGEABILITY

MIL-W-22759 D Specification - Index 8 A of June 1973 and MS 18001 (up to 12 AWG).

COLOUR CODING

According to AIR0107 (10/1961).

CONSTRUCTION

1. CONDUCTOR

Stranded nickel plated copper

2. INSULATION 1

Thin wrapped PTFE layer

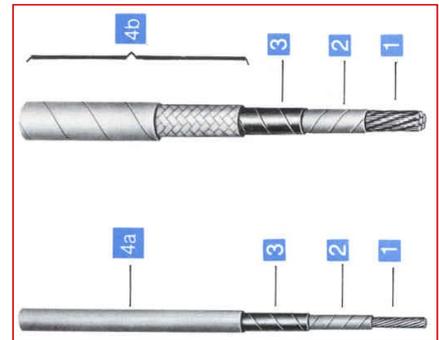
3. INSULATION 2

Polyimide

4. OUTER JACKET

a) from 0.38 to 1.34 mm extruded PTFE sheath (high abrasion resistance)

b) from 1.91 mm² : composite glass fiber PTFE + wrapped and sintered PTFE sheath.



Standards

International AIR 4524

 Cable flexibility
 Flexible

 Operating temp. range
 -50 ... 250 °C

 RoHS conform
 Yes

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Characteristics

Construction characteristics	
Conductor material	nickeled copper
Insulation	PTFE
Electrical characteristics	
Maximum operating voltage	600 V
Mechanical characteristics	
Cable flexibility	Flexible
Usage characteristics	
Operating temperature, range	-50 .. 250 °C
RoHS conform	Yes


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Flexible

 Operating temp. range
-50 .. 250 °C

 RoHS conform
Yes