

AS22759/180, AS22759/181 and AS22759/182

Designed for general purpose aircraft wiring application. These light weight thin wall constructions can be used only with additional protection, or in protected area, or inside a cable with a shield or a jacket

Description

Application

Designed for general purpose aircraft wiring application. These light weight thin wall constructions can be used only with additional protection, or in protected area, or inside a cable with a shield or a jacket

Construction

- **CONDUCTOR**
 - AS22759/180: Tin coated copper
 - AS22759/181: Silver coated high strength copper alloy
 - 26 AWG Ultra-High strength copper alloy
 - AS22759/182: Nickel coated high strength copper alloy
 - 26 AWG Ultra-High strength copper alloy
- **INSULATION**
 - Smooth surface
 - PTFE/POLYIMIDE TAPE WRAP
 - (5.8 - 6.7 NOM.)

Temperatures

AS22759/180: 150°C
AS22759/181: 200°C
AS22759/182: 260°C

DSCC Equivalent

AS22759/180: 04034
AS22759/181: 04035
AS22759/182: 04036

Additional information

Light weight
Arc Resistant (greatly improved compare to non smooth technology)
Fluid Resistant
Abrasion Resistant
UV Laser markable
Smooth outer surface.



Flame resistant
Yes

AS22759/180, AS22759/181 and AS22759/182

Characteristics

Construction characteristics	
Insulation	PTFE/Polyimide tape wrap
Electrical characteristics	
Rated voltage Ur	0.6 kV
Usage characteristics	
Arc tracking resistant	Yes
Flame resistant	Yes

Product List

☎ = Make to order, 📦 = In stock

Nexans ref.	Name	Conductor stranding	Rated temp.	Conductor cross-section (AWG)	Conductor material
☎ 759180-10	AS 22759/180 - 759180-10	37 x 26	150°C	10	Tin-coated copper
☎ 759180-12	AS 22759/180 - 759180-12	37 x 28	150°C	12	Tin-coated copper
☎ 759180-14	AS 22759/180 - 759180-14	19 x 27	150°C	14	Tin-coated copper
☎ 759180-16	AS 22759/180 - 759180-16	19 x 29	150°C	16	Tin-coated copper
☎ 759180-18	AS 22759/180 - 759180-18	19 x 30	150°C	18	Tin-coated copper
☎ 759180-20	AS 22759/180 - 759180-20	19 x 32	150°C	20	Tin-coated copper
☎ 759180-22	AS 22759/180 - 759180-22	19 x 34	150°C	22	Tin-coated copper
☎ 759180-24	AS 22759/180 - 759180-24	19 x 36	150°C	24	Tin-coated copper
☎ 759180-26	AS 22759/180 - 759180-26	19 x 38	150°C	26	Tin-coated copper
☎ 759181-20	AS 22759/181 - 759181-20	19 x 32	200°C	20	Silver coated high strength copper alloy
☎ 759181-22	AS 22759/181 - 759181-22	19 x 34	200°C	22	Silver coated high strength copper alloy
☎ 759181-24	AS 22759/181 - 759181-24	19 x 36	200°C	24	Silver coated high strength copper alloy
☎ 759181-26	AS 22759/181 - 759181-26	19 x 38	200°C	26	Ultra-high strength copper alloy
☎ 759182-20	AS 22759/182 - 759182-20	19 x 32	260°C	20	Nickel coated high strength copper alloy
☎ 759182-22	AS 22759/182 - 759182-22	19 x 34	260°C	22	Nickel coated high strength copper alloy
☎ 759182-24	AS 22759/182 - 759182-24	19 x 36	260°C	24	Nickel coated high strength copper alloy

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 Flame resistant
 Yes

Contact

Nexans - Electronic cables
 Phone: + 33 1 69 83 78 60
 electronic.products@nexans.com

AS22759/180, AS22759/181 and AS22759/182

Nexans ref.	Name	Conductor stranding	Rated temp.	Conductor cross-section (AWG)	Conductor material
☎ 759182-26	AS 22759/182 - 759182-26	19 x 38	260°C	26	Ultra-high strength copper alloy

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Flame resistant
Yes