ENGLISH

Datasheet

RS Stock No:1113146

UV Laser printable wire
260°C Operating Temperature
Light Weight
Arc Tracking Resistant

PRODUCT REFERENCES

EN 2267-009A
EN 2267-010A +++

CONSTRUCTION

CONDUCTOR
① Stranded Conductor :
Nickel Plated High
Strength Copper Alloy
(AWG 26 & 24) or
Nickel Plated Copper
(AWG 22 to 2).

INSULATION
② Special Polyimide Tape
③ Special UV PTFE Tape(s)

Applications

- Designed for general Purpose Aircraft Wiring Applications.

Main data

- Operating temperature : -55°C to +260°C.(Ambiant + Rise)
- Voltage ratin g : 600 Volts RMS.
- Operating frequency : up to 2000 Hz.
- Dimensions and weights : See table on this data sheet
- Very Good Resistance to Aircraft Fluids.
- Mould and Fungus Resistant
- Arc Tracking Resistant

Identification

- Standard colour Code :
  White Except AWG 26 Which is Light Yellow
  and AWG 22 Which is Light Green .
  Awg 24 is available in light blue colour (EN2267-010A 02B)

- Marking : EN DR ** FR#++
  With : ** = AWG Wire Size
  DR = Short designation
  FR = Country of Origin (FR = France)
  # = Manufacturer
  ++ = Year of Manufacturing (ie. 05 = 2005)
  Colour : Green

Specifications

- prEN2267-010 product standard
- prEN4434 for Conductors AWG 26 to 6
- prEN2083 for Conductors AWG 4 to 2
- prEN3475 for Tests & Performances
- EN 3475 –601 -602
- FAR/JAR-25, §25.869 (a)(4) and appendix F, Part 1, Change 15
- EN 3475-407, Method 1

ENGLISH

Dimensions and Weights (Metric Units)

PART NUMBERS	Code of Nominal Section	Colour Code	US AWG	Conductor			Finished Wire				
				Stranding (Nbr x Dia. of Strands in mm)	Diameter		Maximum DC Resistance at 20°C (68°F)	Diameter		Weight	
					Mini. (mm)	Max. (mm)	(Ohms/Km)	Mini. (mm)	Max. (mm)	Nom. (g/m)	Max. (g/m)
EN 2267-010A	001	S	26	19 x 0.100	0.47	0.49	160.0	0.75	0.84	1.95	2.08
EN 2267-010A	002	S	24	19 x 0.120	0.555	0.585	114.0	0.85	0.96	2.64	2.72
EN 2267-010A	004	S	22	19 x 0.150	0.71	0.73	60.0	1.00	1.10	3.89	4.14
EN 2267-010A	006	S	20	19 x 0.200	0.94	0.97	33.2	1.22	1.34	6.57	6.85
EN 2267-010A	010	S	18	19 x 0.250	1.19	1.22	21.1	1.46	1.61	10.15	10.43
EN 2267-010A	012	S	16	19 x 0.300	1.41	1.45	14.5	1.76	1.92	14.05	14.61
EN 2267-010A	020	S	14	37 x 0.250	1.69	1.73	10.9	2.04	2.24	19.31	19.78
EN 2267-010A	030	S	12	37 x 0.320	2.13	2.18	6.8	2.50	2.70	29.25	31.33
EN 2267-010A	051	S	10	61 x 0.320	2.73	2.77	4.1	3.13	3.33	47.37	49.85
EN 2267-010A	090	S	8	127 x 0.300	3.55	3.85	2.3	4.10	4.40	87.81	90.00
EN 2267-010A	140	S	6	27 x 7 x 0.300	4.80	5.20	1.58	5.30	5.70	132.41	135.00
EN 2267-010A	220	S	4	37 x 12 x 0.250	-	6.80	0.97	6.71	7.41	215.15	222.00
EN 2267-010A	340	S	2	37 x 19 x 0.250	-	8.60	0.61	8.28	9.16	336.10	347.00