

UL1423 knyar wire



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General construction:

Conductor:	Solid silver plated oxygen free copper conductor with reference to DIN VDE 0812
Core insulation:	KYNAR PVDF(polyvinylidene fluoride)
Colour code:	acc. to DIN VDE 47100
Stranding:	soild
Temperature:	105°C

Technical data:

Peak operating voltage:	No Voltage Rating
Testing voltage:	No Voltage Rating
Min. bending radius:	7,5 x d
Features:	• High temperature resistant Superior mechanical properties Economical price
Approvals:	1422
Absence of harmful substances:	acc. to RoHS directive of the European Union

Trade No.	AWG	Conductor(mm)		Insulation(mm)		Resistance at 20°C Ω/km	Package Kft/m
		No./mm	Diameter (mm)	Insulation Thickness	Over Diameter (mm)		
UL1423	36#	1/0.127	0.127±0.01	0.060	0.25±0.01	/	20/6100
UL1423	34#	1/0.160	0.160±0.01	0.070	0.30±0.02	≤ 920.80	20/6100
UL1423	32#	1/0.203	0.203±0.01	0.070	0.32±0.02	≤595.00	20/6100
UL1423	30#	1/0.254	0.254±0.01	0.120	0.48±0.02	≤372.00	20/6100
UL1423	28#	1/0.320	0.320±0.01	0.140	0.60±0.02	≤232.00	20/6100
UL1423	26#	1/0.410	0.410±0.01	0.150	0.71±0.02	≤120.00	10/3050

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Insulation Properties:

Characteristics	Value	Characteristics	Value
Specific Gravity	1.75	Hardness Durometer Shore D	75-80
Tensile Strength @yeild 75°F (p.s.i)	5200	Flexural Modulus @ 75°F (p.s.i)	156-260 × 10 ³
Elongation @ Break (%)	50-250	Water Absorbtion(%)	04
Dielectric constant@ 60 Cycle	8.40	Service Temperature	275°F (135°C)
Dielectric Constant volts/mil	950	Flamability	V-0

Other dimensions and colours are possible on request.



FORT CABLE