Scope

This specification covers the construction and the electrical properties of wire

Hingtak: 20276 20AWG

Ratings

Voltage: 30V Temperature: 80°C

Conductor

Gauge: 20AWG

Material: tinned copper strands Strand:26/34 (ø0.16 mm × 26)

Insulator

Material: PVC

Nominal thickness: 9 mils (0.22 mm) Outer diameter:  $1.5 \pm 0.10$  mm

Color: red, black

Shield:

Type: foil
Material: aluminum mylar
Coverage: 100% (foil)

Outer jacket

Material: PVC, 80℃

Type: extruded, non-integral

Color: black

Diameter:  $5.2 \pm 0.55$  mm

Wire marking: AWM 20276 20AWG VW-1 I A  $80^{\circ}$ C 30V HINGTAK

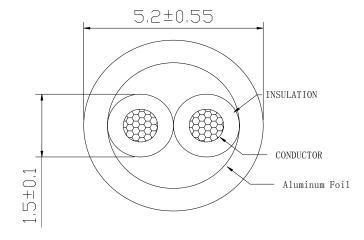
Tests

Voltage test: 500 V Spark test: 3.0 kV

Max resistance at 20°C: 36.7 Ω/km

Flammability: FT1, VW-1

Dielectric test: 1500 Vac for 1 minute without breakdown



•	REVISION	DATE	DESCRIPTION	PREPAREDA AG 2018.04.28	NOTES:	HINGTAK V
	А	04/28/2018	Initial release		RoHS compliant	
				VERIFIED:	Electrical test: no open, no short	No.22, Road Dabar
				JM 2018.04.28	circuit, no intermittent	Humen, Dongguan
				DIMENSIONS ARE IN MILLIMETERS	DESCRIPTION:	Tel (+86)769-87051
				TOLERANCES: x: ±0.5 mm	Wire, 2C TS, 20AWG, 20276, 30V, 80℃,	Mobile: (+86) 1372
				$x: \pm 0.5 \text{ mm}$ $X.X: \pm 0.3 \text{ mm}$	5.2 mm, VW-1, PVC	
				X.XX: $\pm$ 0.05 mm		PART NUMBER

## HINGTAK WIRE & CABLE LLC

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