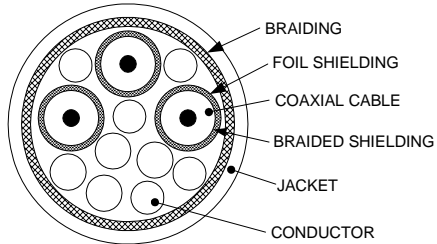


Bulk Cable Specification

CTL3VGA-250T

Cross-Sectional View		Color Code	
		<u>Coaxials</u> Red Green Blue	
		<u>Conductors</u> Black Brown Red Orange Yellow Green Blue Purple Gray	
ITEM		DESCRIPTION	
		UNIT A (3 Coaxials)	UNIT B (9 Conductors)
Conductor	Material	Tinned Copper wire, Stranded	Tinned Copper wire, Stranded
	Construction	32 AWG (7 x 40)	30 AWG (7 x 38)
Insulation	Material	Foam PE + Skin	HDPE
	Nominal Thickness	.38mm	.12mm
	Nominal Diameter	1.00 ±0.05mm	.50 ±0.5mm
Shielding	Material	Tinned copper wire	----
	Coverage	100%	----
Shielding (foil)	Material	Copper coated, aluminized mylar	----
	Coverage	100% with 25% overlapping	----
Shielding	Material	Aluminized mylar spirally wrapped	
	Coverage	100% with 25% overlapping	
Braiding	Material	Tinned copper	
	Coverage	85% min	
Jacket	Material	PVC	
	Nominal Thickness	.60mm	
	Nominal Diameter	.205 [5.2mm]	
	Color	Black	
Minimum Marking: AWM E258652 HWATEK STYLE 20276 80°C 30V VW-1			
ELECTRICAL PROPERTIES			
ITEM		UNIT A	UNIT B
Conductor Resistance		32 AWG- 588Ω/km MAX @ 20° C	30 AWG- 376Ω/km MAX @ 20°C
Insulation Resistance		100MΩ/km MIN @ 20°C	100MΩ/km MIN @ 20°C
Dielectric test		500VAC / 1 min, No Breakdown	500VAC / 1 min, No Breakdown
Temperature rating		80°C	80°C
Nominal Impedance (coaxial cables)		75Ω	

NOTE: CTL3VGA-250T CONSISTS OF A 250 FT SPOOL OF CABLE AS DESCRIBED ABOVE.