

Technical Parameters

ITEM	RCA color flat cable	NO	GF-09-2651-001
STYLE	2651 flat cable color P=1.27mm		
RATING	105°C 300V		
APPLICATIONS:	Internal wiring of electronic equipment.		

Conductor	
Material	Soft-annealed tinned copper wire
Size	28AWG
Construction	7/0.10 ± 0.010mm
Diameter(mm)	1.01 ± 0.03mm
Conductor pitch	1.27mm(under30P ± 0.3mm, up30P ± 0.6mm)
Insulation	
Material	PVC
(mm) Nominal Thickness	0.38
(mm) Min. Thickness	0.33
diameter(mm)	1.01 ± 0.03mm
Color	Brown-Red-Orange-Yellow -Green-Blue-Purple-Gray-White-Black...(Repeat)
Jacket	
(Ω/km , 20°C) CONDUCTOR RESISTANCE	< 222 Ω/km20°C
INSULATION RESISTANCE	>100 Ω/km20°C
CHARACTERISTIC IMPEDANCE	Approx.106Ω
CAPACITANCE	Approx.52pF/m
(V/min) DIELECTRIC-WITHSTAND TEST	2000V/min
PROPAGATION DELAY	Approx.5.0ns/m
NEAR-END CROSSTALK	Approx.4.0%
ELAME TEST	VW-1
FLEXIBLE TEST	≥ 100cycles
WEAR TEST	>100000cycles

PHYSICAL PROPERTIES	Insulation		
	aged	Elongation(%)	>110%
		Strength(kgf/mm ²)	<1.05KG/sq.MM
	Conditioning		136.0 ± 2.0°C, 168h
	CONDUCTOR	Elongation(%)	<11%
	Inner Jacket or Jacket		
SWING TEST	>100000cycles		

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Remark:

no	anem	ph(mm)	size (mm)
1	2651 28AWGTS/10C	P=1.27	0.90 ± 0.03 × 12.70 ± 0.15
2	2651 28AWGTS/12C	P=1.27	0.90 ± 0.03 × 15.24 ± 0.15
3	2651 28AWGTS/14C	P=1.27	0.90 ± 0.03 × 17.78 ± 0.15
4	2651 28AWGTS/16C	P=1.27	0.90 ± 0.03 × 20.32 ± 0.20
5	2651 28AWGTS/20C	P=1.27	0.90 ± 0.03 × 25.40 ± 0.20
6	2651 28AWGTS/26C	P=1.27	0.90 ± 0.03 × 33.02 ± 0.25
7	2651 28AWGTS/30C	P=1.27	0.90 ± 0.03 × 38.10 ± 0.25
8	2651 28AWGTS/34C	P=1.27	0.90 ± 0.03 × 43.18 ± 0.30
9	2651 28AWGTS/40C	P=1.27	0.90 ± 0.03 × 50.80 ± 0.35
10	2651 28AWGTS/50C	P=1.27	0.90 ± 0.03 × 63.50 ± 0.35
11	2651 28AWGTS/60C	P=1.27	0.90 ± 0.03 × 76.20 ± 0.35
12	2651 28AWGTS/64C	P=1.27	0.90 ± 0.03 × 81.28 ± 0.35