



Conductor:

AWG: 28AWG
Material: TC
Conductor Size: 7/ $\Phi 0.125 \pm 0.008MM$

Jacket:

Min. Avg. Thick: 0.26MM
Material: 45P UL-PVC
Color: Grey (Half Atomizer)
Tensile Strength-before aging: 1,500PSI
Tensile Strength-after aging: 70% Min. (136° C*168H)
Elongating-before aging: 100% Min
Elongating-after aging: 65% Min. (136° C*168H)
Deformation Test: 50% Max. (121° c*1h)
Cold Bent Test: -10° c*4H No Cracking
Horizontal Flame Test: VW-1

Electrical:

Rating: Temp 105° C
Voltage: 300V
Dielectric Strength: 2.0KV 60Hz Minute Max: 237, 25 Ω /KM
Conductor Resistance: at 20° C
Insulation Resistance: 100M /M Min. @500V DC
UL File No. E189529
UL Style: 2651-VW-1

ITEM NO.	NO. of Core	Overall Diameter		Allowable error (mm)
		Thickness mm	Width mm	
302-28-09-03-0300F	09	0.90 ± 0.10	11.43	± 0.30
302-28-10-03-0300F	10	0.90 ± 0.10	12.70	± 0.30
302-28-14-03-0300F	14	0.90 ± 0.10	17.78	± 0.30
302-28-15-03-0300F	15	0.90 ± 0.10	19.05	± 0.30
302-28-16-03-0300F	16	0.90 ± 0.10	20.32	± 0.30
302-28-20-03-0300F	20	0.90 ± 0.10	25.40	± 0.30
302-28-24-03-0300F	24	0.90 ± 0.10	30.48	± 0.30
302-28-25-03-0300F	25	0.90 ± 0.10	31.75	± 0.30
302-28-26-03-0300F	26	0.90 ± 0.10	33.02	± 0.30
302-28-30-03-0300F	30	0.90 ± 0.10	38.10	± 0.30
302-28-37-03-0300F	37	0.90 ± 0.10	46.99	± 0.30
302-28-40-03-0300F	40	0.90 ± 0.10	50.80	± 0.30
302-28-50-03-0300F	50	0.90 ± 0.10	63.50	± 0.30
302-28-60-03-0300F	60	0.90 ± 0.10	76.20	± 0.30

CnC Tech, LLC
Industrial Cable and Connector Technology

DRAWN BY	RLM	DRAWING NO.	
CHECKED BY		CUSTOMER	
APPROVAL BY		ITEM NO.	
DECIDE BY		DATE	2012-03-05
VERSIONS/EDITION	A/0	PROJECT	