## **Product Specification**



# Style 20233 Jacketed Cable Jacket Core A Core B ALT Inner Jacket Braid

BELDEN E357312-S 3C0.75SQMM 16C0.34SQMM SHIELDED 🕄 STYLE 20233 80C 300V - - - c 🔊 AWM I/II A/B 80C 300V FT2 ROHS

Description				
	300			
flexing	-5~80			
fixed Installation	-30~80			
	UL			
	FT2			

Application

For internal wiring or external interconnection of electronic equipment.

Reference Standard

UL758, UL1581 & CSA C22.2 No.210

Construction				
Conductor	Stranded Bare Copper			
	16CXA	3CXB		
Size(mm <sup>2</sup> )	0.34	0.75		
Construction (mm)	19/0.15	42/0.15		
Stranded Dia. (mm)	0.75	1.12		
Insulation	PVC	PVC		
Min. Thickness (mm)	0.18	0.42		
Nom. Thickness (mm)	0.28	0.58		
Insulation Dia. (mm)	1.3±0.08	2.0±0.08		
Assembly	-	3C		
Direction	-	S		
Inner Jacket	-	PVC		
Min. Thickness (mm)	-	0.30		
Nom. Thickness (mm)	-	0.50		
Outer Dia. (±0.2mm)	-	5.40		
Assembly	A+	A+B		
Direction	S			
ALT wrap(overlapping,%)	>=2	>=25%		
Braid shield	Tinned	Tinned copper		
Coverage(%)	>=85%			
Jacket	TPU(N	TPU(Matte)		
Min. Thickness (mm)	0.6	0.61		
Nom. Thickness (mm)	0.90			
Outer Dia. (±0.4mm)	10.	10.60		

### Insulation:

A:1..brown 2.orange 3.yellow 4.green 5.blue 6.violet 7.grey 8.white 9.pink 10.lighte green 11.light blue 12.white/green 13.white/grey 14.white/black 15.white/blue 16.white/red B:1.black 2.red 3.yellow/green

#### Inner Jacket:

Grey

#### Jacket:

Per request

Electrical Charactistics(20°C) Max. DC Resistance at 20°C (Ω/km)

Dielectric Strength(kV/min)

A:55.53 B:25.12

2.

Mechanical Characteristics:

Test Object Test Material		InsulationA PVC	Jacket TPU
Before Aging	Tensile Strength (Mpa)	≥10.35	≥10.35
	Elongation (%)	≥100	≥100
Aging Condition	n(°C)	113±2°C x168hr	113±2℃ x168hr
After Aging	nsile Strength (Mpa)	≥70% of original	≥70% of original
	Elongation (%)	≥65% of original	≥65% of original
Minimum Bending radius		fixed	7.5XD
		flexing	15D

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