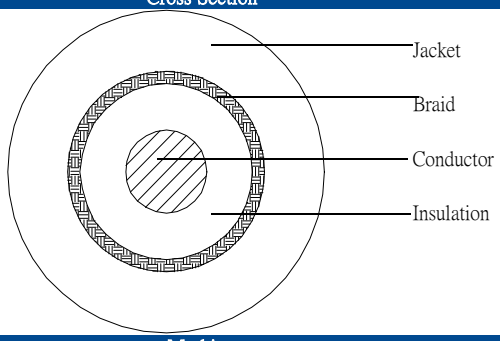
Product Specification

BELDEN
SENDING ALL THE RIGHT SIGNALS®

Part No.:XB1107604

Style 1107 Single conductor using extruded non-integral jacket

Cross Section



Marking

BELDEN E357312-S 24AWG SHIELDED AWM STYLE 1107 60C 300V
VW-1 - - -c AWM I A/B 60C 300V FT1 ROHS

Description

Rated Voltage (V)	300
Rated Temperature (°C)	60
Product Standard Certification	UL
Flammability Test	VW-1& FT1
Application	
Internal Wiring of Electronic Equipment	
Reference Standard	
UL758, UL1581& CSA C22.2 No.210	

Construction

Conductor	**Stranded Tinned Copper**
Construction (mm)	7/0.20
Dia. (mm)	0.60
Insulation	**FR-PE**
Min. Thickness (mm)	0.32
Nom. Thickness (mm)	0.40
Dia. (±0.10mm)	1.40
Braid Shield	**Tinned copper**
Construction (mm)	16/4/0.12
Coverage(%)	90% (Ref.)
Jacket	**PVC 55P(Ref.)**
Min. Thickness (mm)	0.40
Nom. Thickness (mm)	0.50
Outer Dia. (±0.15mm)	2.90

Color

Insulation
Red

Jacket
Per the customer's request

Performance

Electrical Charactistics(20℃)

Max Conductor DC Resistance (Ω/km)	94.2
Dielectric Strength(AC,KV/min)	2.5

Mechanical Characteristics

Test Object		**Jacket**
Test Material		PVC
Before Aging	Tensile Strength (kg/mm2)	≧10.35
	Elongation (%)	≧100
Aging Condition		100±2℃ x 168 hrs
After Aging	Tensile Strength	≧70% of original
	Elongation	≧65% of original

Sample Record

Sample No. :
Original spec no.: Rev.:
Ref. spec No. : SK-B1107-604 Rev.: 0

Revision History

Prepared by:	XIAOYU.ZHU	2012/11/26	Table No.:T100	Rev.: 0
Approved by:	CICI CHENG	2012/11/26		Page 1 of 1

333 Yanhu Road, Huaqiao Town, Kunshan City, Jiangsu Province, P. R. China 215332
Tel : (86) 512 5796 1688 Fax : (86) 512 5796 1222

Be certain.