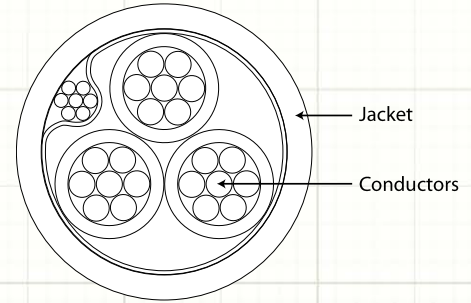


N1803-1106

Revision: A

INDUSTRY APPROVALS

National Electrical Code	Article 725
UL Standard 13	Type CL3R
National Electrical Code	Article 760
UL Standard 1424	Type FPLR
National Electrical Code	Article 800
UL Standard 444	Type CMR
EU Directive 2011/65/EU	RoHS Compliant



CONSTRUCTION

Component	Description	Specification
Conductor:	18 AWG (7/.0152) Bare Copper	.046" Nominal diameter
Insulation:	.008" Wall, PVC	.062" Nominal diameter
Cable Assembly:	3 Conductors with a 2.50" LHL	
Shield:	Alum/Mylar Tape - -Foil Side Out - - Reverse J Fold	.140" Nominal diameter
Drain Wire:	22 AWG 7/30 Tinned Copper	
Ripcord:	Yes	
Jacket:	014" Wall, PVC	.168" ± .008" diameter
Sequential Footage		Every 2 feet
Print Legend:	NORTHERN (R) 18 AWG – N1803-1106 – 75C (UL File Number) (UL) CL3R OR FPLR – (UL) C(UL) CMR -- ROHS -- MADE IN USA (date code - MM/YY) (sequential footage)	

ELECTRICAL AND PHYSICAL PROPERTIES

Temperature:	-20°C to +75°C
Voltage:	300 Vrms (Maximum)
Conductor Resistance (DCR):	6.6 Ohms/1000ft (Maximum) @ 20°C
Capacitance (Cond-Cond):	49.0 pF/ft (Nominal) @ 1kHz
Capacitance (Cond-Shield):	88.0 pF/ft (Nominal) @ 1kHz
Characteristic Impedance:	38.6 Ohms (Nominal) @ 1MHz

CONDUCTOR COLOR CODE

Conductor	Color
1	Black
2	Red
3	White

JACKET COLOR AND PACKAGING

N1803 – 1106 – XX XX

Jacket color

Put-up

PUT-UP

10	1000 Foot Box
11	1000 Foot Reel
50	500 Foot Box
51	500 Foot Reel

JACKET COLOR

01	White	05	Yellow	09	Gray(slate)
02	Black	06	Blue	10	Purple
03	Red	07	Brown	11	Beige
04	Green	08	Orange	15	Natural

* Some Put-Ups and Colors Require Special Order

