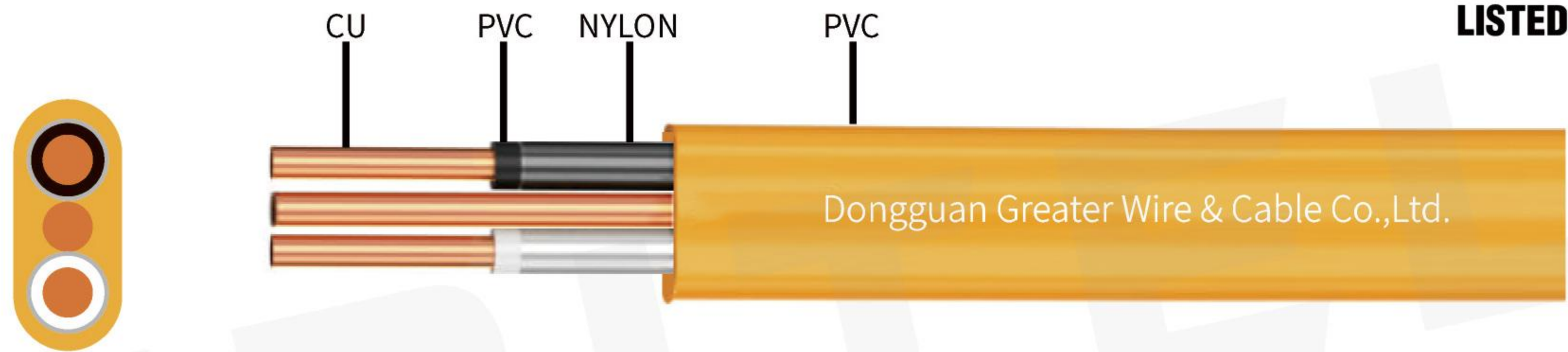


NMD90 CABLE



APPLICATION

NMD90 cables may be used for both exposed work in dry locations or concealed work in dry or damp locations. The maximum allowable conductor temperature is 90°C. The minimum recommended installation temperature is -25°C for two-conductor cables and -10°C for three-conductor cables (with suitable handling procedures). Material should be properly stored above 0°C for 24 hours prior to installation. The maximum voltage rating for all intended applications is 300 volts.

APPROVALS

UL83,UL719,CUL

CABLE DESIGN

Conductor: Solid or stranded bare copper

Insulation: Flame-retardant (FR) Polyvinyl Chloride (PVC) c/w Nylon sheath insulation or Cross Linked Polyethylene (XLPE) Type RW90

Ground (Bonding) conductor: Bare solid or stranded copper bonding wire

Outer Jacket: Flame-retardant (FR) and moisture resistant Polyvinyl Chloride (PVC)

Note: Outer colour jackets specific to AWG size and application

Options: Aluminum construction available upon request

No. of Conductors	AWG size		Insulation Thickness		Approximate Diameter		Net Weight	
	Cond.	Bond Wire	in.	mm.	in.	mm.	LB/MFT	KG/KM
2 CONDUCTOR								
2	14	14(1)	0.030	0.760	0.19x38	4.8 x 9.7	65	96
2	12	14(1)	0.030	0.760	0.21x41	5.3 x 10.4	83	123
2	10	12(1)	0.030	0.760	0.23x47	5.8x11.9	120	178
2	8	10 (1)	1.140	0.045	8.4x17.0	0.33x0.67	212	315
2	6	8 (7)	1.140	0.045	9.6x20.5	0.38 x 0.81	335	500
2	4	8 (7)	1.140	0.045	19.500	0.770	435	650
2	3	6 (7)	1.140	0.045	21.900	0.860	575	860
2	2	6 (7)	1.140	0.045	23.500	0.930	675	1010
3 CONDUCTOR								
3	14	14(1)	0.030	0.760	0.340	8.700	83	123
3	12	14(1)	0.030	0.760	0.360	9.100	104	155
3	10	12(1)	0.030	0.760	0.400	10.200	150	223
3	8	10 (1)	0.035	0.890	0.610	15.500	275	418
3	6	8 (7)	0.045	1.140	0.900	22.800	400	600
3	3	6 (7)	0.045	1.140	0.920	23.400	775	1150
3	2	6 (7)	0.045	1.140	0.990	25.000	920	1370