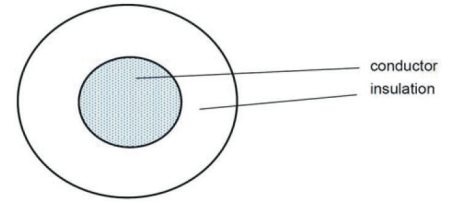


# 3AWG 25mm<sup>2</sup> SINGLE CORE POWER CABLE (UL10269)





PART NUMBER: **IP-CW25-001-01-\*\***

CONDUCTOR	SPECIFICATION (AWG)	3
	MATERIAL	BARE COPPER
	CONFIGURATION (mm)	TR 1420/0.15
	CONDUCTOR DIA. (mm)	6.8

INSULTATION	AVG. THICK (mm)	≥ 1.52
	MIN. THICK (mm)	≥ 1.36
	OVERALL DIAMETER (mm)	10.2 ± 0.4
	MATERIAL	SOFT INVERTER PVC
	COLOUR	BLACK OR ORANGE

PHYSICAL PROPERTIES	<b>BEFORE AGING</b>	
	TENSILE STRENGTH	10.3Mpa
	ELONGATION	100%
	<b>AFTER AGING 136°C ± 2°C / 168 Hours</b>	
	TENSILE STRENGTH	70%
	ELONGATION	65%

ELECTRICAL CAPABILITY	RATED TEMPERATURE (°C)	105°C
	RATED VOLTAGE (V)	1000%
	COND. RESISTANCE (Ω / KM20°C)	0.6727 Ω/km
	DIELECTRIC STRENGTH	AC. 3000V - 1 min
	REF. STANDARD	UL758 / UL 1581

MARKING	 AWM E509117 STYLE 10269 AWG3 105°C 1000V VW-1
	 AWM I A/B 105°C 1000V FT1 RoHS

**\*\* CABLE COLOUR MODIFICATION CODES**

**OG** = ORANGE

**BK** = BLACK