

**Phelps Dodge Power Cables. Made to international standards of excellence. Insulated with extra clean, tree-retardant, cross-linked polyethelene (XPLE):**

With a higher operating temperature, making it more reliable

Safer, with a higher emergency temperature

Suitable for higher voltages up to 35 KV and is abrasion and impact resistant, resulting in longer life, trouble-free operation and less installation and maintenance costs

**Manufactured using the dry cured triple extrusion continuous catenary vulcanization process (CCV), for safer, more reliable, longer-lasting cable:**

Less risk of contaminants

More consistency in cable dimensions, strength and resistance

**At the heart of it all is the Phelps Dodge Philippines commitment to provide excellent service, expert technical advice, readily available and affordable world-class quality cable to the Filipino.**

# *phelps dodge*

MORE POWER TO THE FILIPINO.



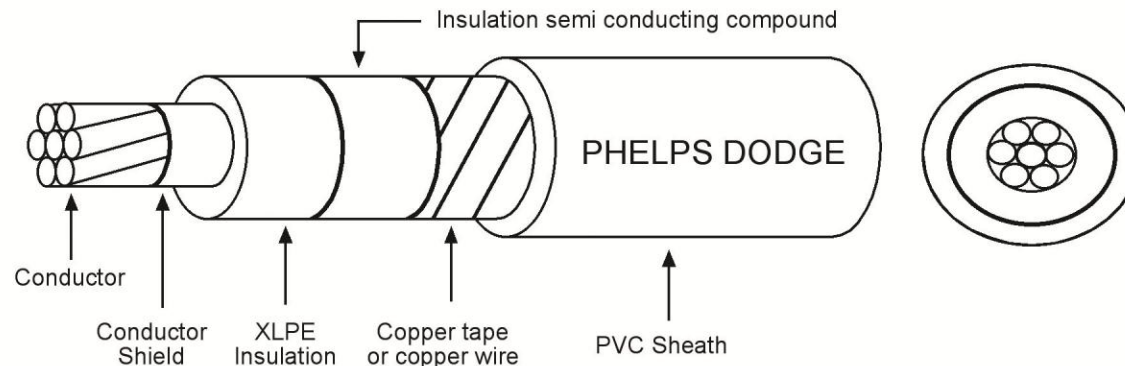
General Manager:



# MEDIUM VOLTAGE POWER CABLE

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dodge**

One time investment. Lifetime protection.



## CABLE SPECIFICATION

<b>Process</b>	: Dry Cured Triple Extrusion Continuous Catenary Vulcanization (CCV)	<b>Type of Insulation</b>	: Extra Clean Tree Retardant Crosslinked Polyethylene
<b>Application</b>	: Preferably used in aerial, direct burial, open tray & underground duct installation	<b>Insulation Shielding</b>	: Extruded Strippable Semi conducting XLPE
<b>Voltage Rating</b>	: 2kV - 35kV (line to line voltage)	<b>Insulation Level</b>	: 100% IL / 133%IL
<b>Conductor Types</b>	: Copper or Aluminum Compact/Compressed/Conventional Stranded	<b>Shielding</b>	: Copper Tape or Concentric Neutral Copper Wire
<b>Conductor Sizes</b>	: 25mm <sup>2</sup> - 500mm <sup>2</sup>	<b>Optional Feature</b>	: Steel wire Armour (SWA) or with Water Blocking Tape
<b>No. of Conductors</b>	: Single core or Multiple core Cables	<b>Jacket</b>	: Black Flame Retardant PVC or Weather Resistant Polyethylene
<b>Temperature Rating</b>	: 90°C Normal Condition 130°C Emergency Overload 250°C Short Circuit Condition	<b>Specifications</b>	: ICEA / IEC / UL
<b>Conductor Shielding:</b>	Extruded Black Semi-conducting XLPE		