

ROYLU®

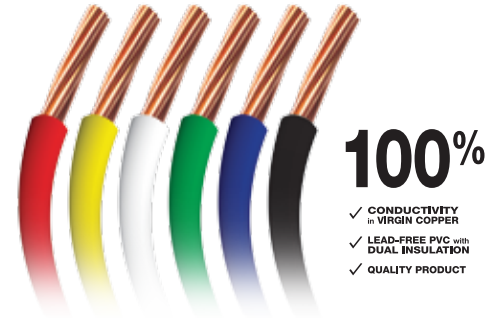
WIRES & CABLES

THHN/THWN STRANDED

Thermoplastic High Heat-resistant with Nylon / Thermoplastic High Water-resistant with Nylon

BUILDING WIRES

Product Code	Gauge	Size	90°C THHN Ampacity*	Meter/Packing	Available Colors
RTN14A	14 AWG	2.0mm ²	35	150M/Box	Red, Yellow, White, Green, Blue & Black
				750M/Spool	Red, White & Black
RTN12A	12 AWG	3.5mm ²	40	150M/Box	Red, Yellow, White, Green, Blue & Black
				500M/Spool	Red, White & Black
RTN10A	10 AWG	5.5mm ²	55	150M/Box	Red, Yellow, White, Green, Blue & Black
				500M/Coil	Black
RTN8A	8 AWG	8.0mm ²	75	100M/Box	Red, Yellow, White, Green, Blue & Black
				300M/Coil	Black
RTN6A	6 AWG	14mm ²	105	150M/Coil	Red, Yellow, White, Green, Blue & Black
RTN4A	4 AWG	22mm ²	140	150M/Coil	Red, Yellow, White, Green, Blue & Black
RTN2A	2 AWG	30mm ²	170	150M/Coil	Red, Yellow, White, Green, Blue & Black
RTN1ABK	1 AWG	38mm ²	195	300M/Reel	Black
RTN1/0ABK	1/0 AWG	50mm ²	235	300M/Reel	Black
RTN2/0ABK	2/0 AWG	60mm ²	260	300M/Reel	Black
RTN3/0ABK	3/0 AWG	80mm ²	320	300M/Reel	Black
RTN4/0ABK	4/0 AWG	100mm ²	370	300M/Reel	Black
RTN250MBK	250 MCM	125mm ²	420	300M/Reel	Black
RTN300MBK	300 MCM	150mm ²	475	300M/Reel	Black
RTN400MBK	400 MCM	200mm ²	570	300M/Reel	Black
RTN500MBK	500 MCM	250mm ²	655	300M/Reel	Black



600 Volts

withstands 90°C in dry locations

withstands 75°C in wet locations



Application:

Mainly used in conduit and cable trays for services, feeders & branch circuits in residential, commercial or industrial installations.

Features

- ▶ Roylu wires and cables use **VIRGIN COPPER WIRES**, resulting in **100% CONDUCTIVITY**.
- ▶ Roylu wires and cables use high quality, **SMOOTH NYLON** that protects the wire from damage during installation.
- ▶ Roylu wires & cables use **DUAL INSULATION TECHNOLOGY**, providing better insulation and electrical properties.

*Ampacity in accordance with PEC2009 for single-insulated conductor in free air with an ambient air temperature of 30°C.

Resistant to:



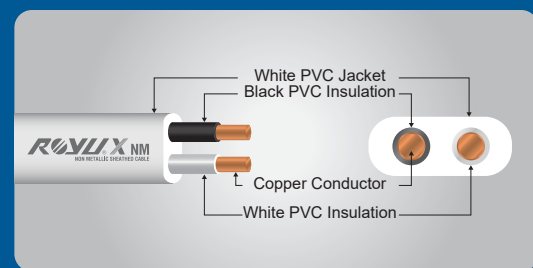
ROYLU® NM NON METALLIC SHEATHED CABLE

600 volts


withstands 60°C in dry & wet locations

moisture resistant

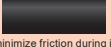
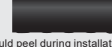
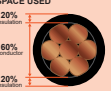
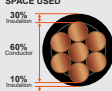

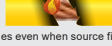
Product Code	Gauge	Size	Packaging	Available Color
RNM14AXWT	14	1.6mm/2C	75M/Box 300M/Coil	White
RNM12AXWT	12	2mm/2C	75M/Box 300M/Coil	
RNM10AXWT	10	2.6mm/2C	75M/Box	

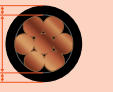
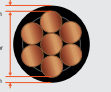




BUILDING WIRES

Product Code	Gauge	Size	60°C TW Ampacity*	Meter/Packing	Available Color
RTW14ABK150	14 AWG	2.0mm ²	20	150M/Box	 Black
RTW12ABK150	12 AWG	3.5mm ²	25	150M/Box	
RTW10ABK150	10 AWG	5.5mm ²	30	150M/Box	
RTW8ABK100	8 AWG	8.0mm ²	40	100M/Box	




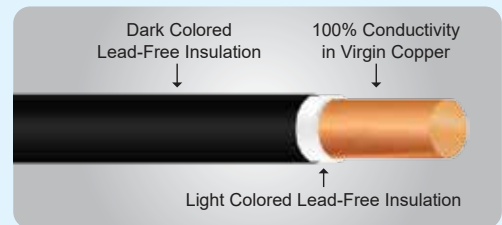
ROYU's High-Grade Insulation	VS	Low Grade Insulation
 <p>Smooth wires minimize friction during installation.</p>		 <p>Rough wires could peel during installation.</p>
<p>SPACE USED</p>  <p>20% Insulation 60% Conductor 20% Insulation</p> <p>ROYU's advanced manufacturing process ensures consistent insulation thickness.</p>		<p>SPACE USED</p>  <p>30% Insulation 60% Conductor 10% Insulation</p> <p>Some parts may be thin, which can cause of fire.</p>
 <p>Flame retardant.</p>		 <p>Burning continues even when source fire is removed.</p>

ROYU's High-Purity Copper Conductor	VS	Low-Purity Copper Conductor
<p>SPACE USED</p>  <p>20% Insulation 60% Conductor 20% Insulation</p> <p>Pure copper is soft and can be compressed.</p>		<p>SPACE USED</p>  <p>10% Insulation 80% Conductor 10% Insulation</p> <p>Low-purity copper is hard and sticks out, resulting in uneven insulation thickness.</p>
 <p>Pure copper is flexible and strong.</p>		 <p>Low-purity copper conductor can break during installation.</p>

TW SOLID



BUILDING WIRES

Product Code	Gauge	Size	60°C TW Ampacity*	Meter/Packing	Available Color
RTW14AXBK15	14 AWG	1.6mm	25	150M/Box	 Black
RTW12AXBK15	12 AWG	2.0mm	30	150M/Box	
RTW10AXBK15	10 AWG	2.6mm	40	150M/Box	




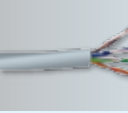

FLAT CORD

FIXTURE WIRES

Product Code	Type	Gauge	Size	Meter/Packing	Available Color
RFC22A	SPT1	22 AWG	0.3mm ²	150M/Spool	 Black  White  Black/Red (Speaker)
RFC20A	SPT1	20 AWG	0.5mm ²	150M/Spool	
RFC18A	SPT1	18 AWG	0.75mm ²	150M/Spool	
RFC16A	SPT2	16 AWG	1.25mm ²	150M/Spool	



COMMUNICATION CABLES

Coaxial Cable		LAN Cable	Telephone Cable	
				
<p>Product Code: RRG6CCSTS305</p> <p>Description: RG6, Copper Clad Steel Conductor, Triple Shield</p> <p>Meter/Packing: 305M/Plywood Reel</p>	<p>Product Code: RRG59CCSDS305</p> <p>Description: RG59, Copper Clad Steel Conductor, High Performance Braided Dual Shield</p> <p>Meter/Packing: 305M/Plywood Reel</p>	<p>Product Code: RCAT5EUTPGY305</p> <p>Description: Category 5e, Unshielded Twisted Pair, Grey jacket</p> <p>Meter/Packing: 305M/Pulley Box</p>	<p>Product Code: R2PCAT3UTPGY500</p> <p>Description: 2 twisted pairs, Category 3, Unshielded Twisted Pair, Grey jacket</p> <p>Meter/Packing: 500M/Plywood Reel</p>	<p>Product Code: R1PCAT3UTPGY1000</p> <p>Description: 1 twisted pair, Category 3, Unshielded Twisted Pair, Grey jacket</p> <p>Meter/Packing: 1000M/Plywood Reel</p>

ROYU INDUSTRIAL CORPORATION

55 Sitio Centro Street, Lawang Bato, Valenzuela City, Philippines
 customerservice@royuindustrial.com

Contact Person: