

# MOBIWAY BOOST

## CU TPS 2X 2.5+E WH 110HM BOOST

### Contact

Sales and Customer Solutions  
Phone: 0800 639 267  
sales.nz@nexans.com

Nexans Ref.: CNZP07MK002WVHF

Country Ref.: Z1080.MB

EAN 13: 9319215516536

CU TPS 2X 2.5+E WH 110HM BOOST

## DESCRIPTION

An innovative 'cable & reel' installation system that is easy to transport, easy to install, and reusable!

The **MOBIWAY™ BOOST** system includes:

- The patented **MOBIWAY™ BOOST** reel system
- Nexans Top 3 selling TPS cables in optimal, pre-cut length

### Features & Benefits:

- Integrated handle means easy to carry
- Vertical or horizontal stacking for running multiple cables
- Optimised pre-cut cable length on every reel
- Meter marked
- Easy to unspool
- Easy to rewind
- The **MOBIWAY™ BOOST** reel is returnable and reusable

### Cable data:

- 2 x 2.5mm + E, Cu, PVC V-90 insul, PVC 3V-90 sheath (WH, flat) 450/750V.
- Made to AS/NZS 5000.2

### Application

- Domestic, residential, and commercial building
- Industrial general applications
- Fixed applications for power and lighting



## STANDARDS

National AS/NZS 5000.2



Conductor flexibility  
Class 2



Rated Voltage Uo/U (Um)  
450/750 V



Cable flexibility  
Rigid



Max.conductor temp.in service  
75 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 25/06/24 www.nexans.co.nz Page 1 / 4

 Nexans

## CHARACTERISTICS

### Construction characteristics

Pilot wires	None
Sheath colour	White
With Green/Yellow core	Yes
Conductor material	Copper
Insulation	PVC
Outer sheath	PVC
Conductor flexibility	Class 2
Conductor shape	Circular
Core identification	Red, Black, Green/Yellow
Type of conductor	Circular, stranded
Wire colour	
With smaller neutral conductor	No

### Dimensional characteristics

Conductor cross-section	2.5 mm <sup>2</sup>
Earth conductor cross section	2.5 mm <sup>2</sup>
Nominal overall diameter	5.3 x 12.0
Approximate weight	0.14 kg/m
Neutral conductor section (when smaller)	- mm <sup>2</sup>
Number of cores	2

### Electrical characteristics

Max. DC resistance of the conductor at 20°C (Ohm/km)	7.41
Rated Voltage U <sub>o</sub> /U	450/750 V
Rated Voltage U <sub>o</sub> /U (U <sub>m</sub> )	450/750 V

### Mechanical characteristics













Cable flexibility	Rigid
-------------------	-------

### Usage characteristics

Max. conductor temperature in service	75 °C
---------------------------------------	-------

## CURRENT CARRYING CAPACITIES SINGLE PHASE (IN AMPS) - TPS - 2 CORES AND 2 CORES PLUS EARTH

PVC insulation For cables up to and including 450/750 V @ 50 Hz AC.

Conductor cross-section [mm²]	 Cu	 Cu	 Cu	 Cu	 Cu	 Cu
2.5	31	30	26	33	33	15
 Air Spaced from Surface, Unenclosed	 Air touching, unenclosed		 Air enclosed			
 Buried direct	 Buried in single-way duct		 Cable surrounded by thermal insulation unenclosed			

### Note

© Copyright Standards New Zealand 2016.

Content in this table and the typical New Zealand installation conditions are derived from AS/NZS 3008.1.2:2017 and has been reproduced or adapted with permission from Standards New Zealand under Copyright Licence 000926. Please refer to the complete Standard for full details available for purchase from Standards New Zealand at [www.standards.co.nz](http://www.standards.co.nz).

The values are for typical New Zealand installation conditions of:

- Ambient Air Temperature: 30°C

## MOBIWAY BOOST UNIT DIMENSIONS

Code	Description	Length	Net Weight
CNZP02MK002WVHF	CU TPS 2X1.0+E WH 200M BOOST	200m	15.3kg
CNZQ05MK002WVHF	CU TPS 2X1.5+E WH 150M BOOST	150m	14.8kg
CNZP07MK002WVHF	CU TPS 2X2.5+E WH 110M BOOST	110m	15.2kg
1670180	EMPTY BOOST SYSTEM	N/A	1.262kg

MOBIWAYBOOST (REEL) DIMENSIONS: H:287.3mm x W:287.3mm x D:258mm

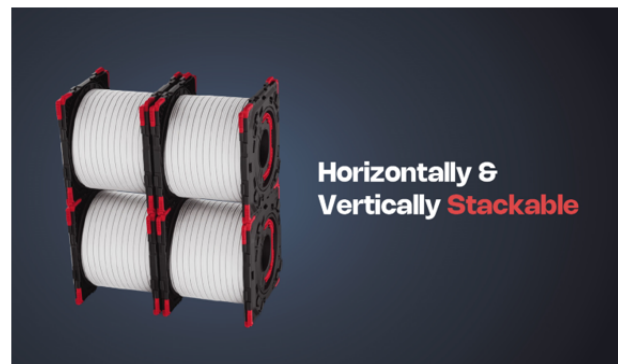
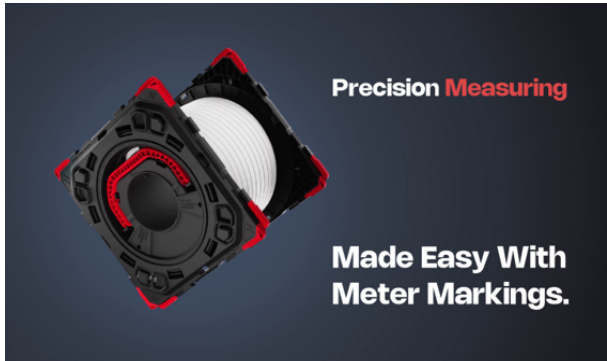
PALLET DIMENSIONS (FULL PALLET = 48 BOOST UNITS): L:1167mm x W: 1167mm x H: 1162mm - WEIGHT: 1150kg (approx)

# MOBIWAY BOOST

CU TPS 2X 2.5+E WH 110HM BOOST

Contact  
Sales and Customer Solutions  
Phone: 0800 639 267  
sales.nz@nexans.com

## DISCOVER MOBIWAY BOOST



## SELLING AND DELIVERY INFORMATION

Cable PEP/EPD available

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 25/06/24    [www.nexans.co.nz](http://www.nexans.co.nz)    Page 4 / 4

 Nexans