

MOTIONLINE®

Tray cables for Automation Industry
and Wind Turbines





APPLICATIONS AND REQUIREMENTS

Motionline® tray cables are energy and control cables inside and outside the cable tray for static application for use in assembly lines, bottle filling, packaging machines or in machine tools. Suitable for direct burial.

The new Tray Cables are oil resistant, flame retardant/self extinguishing acc. to FT4, NFPA79 conform.

Due to UL/CSA listing, MTW, TC-ER and WTTC approval the cables are specifically designed for export driven Machine builders and plant engineers.

- Compliant with UL 1277 and UL 2277
- TC-ER and MTW approved
- UL and CSA Listed
- Shorter installation time and effort
- Reduced cables variety
- Reduced cost



TECHNICAL CHARACTERISTICS

TRAY CABLES

Application	<ul style="list-style-type: none"> • Suitable for static application
Bending radius	<ul style="list-style-type: none"> • Bending radius for occasional movement of 15 x d
Insulation material	<ul style="list-style-type: none"> • PVC + Nylon insulation (PA skin)
Jacket material	<ul style="list-style-type: none"> • PVC compound jacket
Resistant to oils	<ul style="list-style-type: none"> • Acc. to UL OIL RES I
Flame retardant	<ul style="list-style-type: none"> • UL 1581 section 1160 and CSA FT4
Shielding	<ul style="list-style-type: none"> • Available in both version screened and unshielded
Construction	<ul style="list-style-type: none"> • Cross sections from 1 mmq to 70 mmq and from 2 to 25 cores
Approval	<ul style="list-style-type: none"> • UL MTW; UL TC-ER 90°C 600V; UL WTTC 90°C 1000V; UL DP-1; UL AWM 600V; C(UL) CIC/TC
Standard	<ul style="list-style-type: none"> • UL 1277/ UL 2277



NEXANS' OFFER:

- A complete range of automation cables for static, flexible and highly dynamic applications - available on stock.
- Tailor made cables, adapted to the connectors used by the client and to other given specifications.
- Competencies in development and production of cables withstanding high mechanical and chemical stress with testing capabilities inside NEXANS.

Nexans brings energy to life through an extensive range of advanced cabling systems, solutions and innovative services.

For over 120 years, Nexans has been providing customers with cutting-edge cabling infrastructure for power and data transmission. Today, beyond cables, the Group advises customers and designs solutions and services that maximize performance and efficiency of their projects in four main business areas: Building & Territories (including utilities, e-mobility), High Voltage & Projects (covering offshore wind farms, submarine interconnections, land high voltage), Telecom & Data (covering data transmission, telecom networks, hyperscale data centers, LAN), and Industry & Solutions (including renewables, transportation, Oil & Gas, automation, and others).

Corporate Social Responsibility is a guiding principle of Nexans' business activities and internal practices. In 2013 Nexans became the first cable provider to create a Foundation supporting sustainable initiatives bringing access to energy to disadvantaged communities worldwide.

The Group's commitment to developing ethical, sustainable and high-quality cables also drives its active involvement within leading industry associations, including Europacable, the NEMA, ICF or CIGRE to mention a few.

Nexans employs nearly 27,000 people with industrial footprint in 34 countries and commercial activities worldwide. In 2018, the Group generated 6.5 billion euros in sales.

Nexans is listed on Euronext Paris, compartment A.

For more information, please visit: www.nexans.com

NEXANS INTERCABLO SPA

Via Piemonte, 20 - 20096 Pioltello (MI) ITALY

Tel. : +39 02 929101

www.nexans.com

nexans.intercablo@nexans.com

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