

System 1850 Bare Fire Rated Cable



nVent PYROTENAX System 1850 Bare Fire Rated Cable is a range of mineral insulated (MI) 2-hour fire-rated wiring cable for critical and essential circuit protection. It consists of solid copper conductors in a continuous copper sheath (System 1850) and is allowed to be used under virtually any application conditions by both the NEC and CEC. Cable terminations are typically field installed. Factory terminated wiring units are available in a range of sizes and lengths.

CARACTÉRISTIQUES

Ultimate performance: fireproof, no smoke generation, zero halogens, high mechanical strength and corrosion resistance, waterproof and non-ageing

UL fire-resistive classified, does not require additional conduit or fireproofing

UL Classified/ ULC Listed: tested to the UL 2196/ULC-S139 fire test standards

Meets requirements of an Electrical Circuit Protective System, as referred to in Articles 695 and 700 of the National Electrical Code (NEC)

System 1850 appears in Electrical Circuit Integrity System (FHIT and FHIT7) of the UL/ULC Fire Resistance Directory

Complies with wet-location and LSZH requirements for transit applications as outlined in NFPA 130

Fiabilité et longue durée de vie : 30 year product warranty available

LES CARACTÉRISTIQUES TECHNIQUES

Max Continuous Operating Temperature:	250 °C
Température d'exposition maxi.:	1010 °C
Conductor Surface:	Nu
Conductor Category:	Class 1 = Solid
Matériau du conducteur:	Cuivre
Matériau d'isolation:	Oxyde de magnésium
Construction:	Cuivre sans coutures

Table 1/1

Référence catalogue	Nom de l'article	Tension nominale	Quantité du conducteur	Taille de la cosse AWG
---------------------	------------------	------------------	------------------------	------------------------

2/18-215T	2C/18AWG/TWPR SYS 1850/300V	300 V	2	18
2/18-324TS	2C/18AWG/SHTWPR SYS 1850/300V	300 V	2	18
2/16-246T	2C/16AWG/TWPR SYS 1850/300V	300 V	2	16
2/16-340	2C/16AWG/SYS 1850/600V	600 V	2	16
2/16-364TS	2C/16AWG/SHTWPR SYS 1850/300V	300 V	2	16
3/16-355	3C/16AWG/SYS 1850/600V	600 V	3	16
4/16-387	4C/16AWG/SYS 1850/600V	600 V	4	16
7/16-449	7C/16AWG/SYS 1850/600V	600 V	7	16
3/14-387	3C/14AWG/SYS 1850/600V	600 V	3	14
4/14-465	4C/14AWG/SYS 1850/600V	600 V	4	14
7/14-496	7C/14AWG/SYS 1850/600V	600 V	7	14
2/14-371	2C/14AWG/SYS 1850/600V	600 V	2	14
2/12-402	2C/12AWG/SYS 1850/600V	600 V	2	12
3/12-480	3C/12AWG/SYS 1850/600V	600 V	3	12
4/12-465	4C/12AWG/SYS 1850/600V	600 V	4	12
7/12-543	7C/12AWG/SYS 1850/600V	600 V	7	12
3/10-480	3C/10AWG/SYS 1850/600V	600 V	3	10
4/10-590	4C/10AWG/SYS 1850/600V	600 V	4	10
7/10-621	7C/10AWG/SYS 1850/600V	600 V	7	10

1/10-277	1C/10AWG/SYS 1850/600V	600 V	1	10
2/10-449	2C/10AWG/SYS 1850/600V	600 V	2	10
1/8-298	1C/8AWG/SYS 1850/600V	600 V	1	#8
2/8-512	2C/8AWG/SYS 1850/600V	600 V	2	8
3/8-590	3C/8AWG/SYS 1850/600V	600 V	3	8
4/8-590	4C/8AWG/SYS 1850/600V	600 V	4	8
7/8-710	7C/8AWG/SYS 1850/600V	600 V	7	8
1/500-1000	1C/500KCMIL/SYS 1850/600V	600 V	1	500 kcmil
1/6-340	1C/6AWG/SYS 1850/600V	600 V	1	6
2/6-590	2C/6AWG/SYS 1850/600V	600 V	2	6
3/6-621	3C/6AWG/SYS 1850/600V	600 V	3	6
4/6-730	4C/6AWG/SYS 1850/600V	600 V	4	6
1/350-834	1C/350KCMIL/SYS 1850/600V	600 V	1	350 kcmil
1/4-402	1C/4AWG/SYS 1850/600V	600 V	1	4
2/4-684	2C/4AWG/SYS 1850/600V	600 V	2	4
3/4-746	3C/4AWG/SYS 1850/600V	600 V	3	4
1/250-746	1C/250KCMIL/SYS 1850/600V	600 V	1	250 kcmil
1/4/0-684	1C/4/0AWG/SYS 1850/600V	600 V	1	4/0
1/2-449	1C/2AWG/SYS 1850/600V	600 V	1	2

2/2-865	2C/2AWG/SYS 1850/600V	600 V	2	2
1/3/0-621	1C/3/0AWG/SYS 1850/600V	600 V	1	3/0
1/1-496	1C/1AWG/SYS 1850/600V	600 V	1	1
2/1-975	2C/1AWG/SYS 1850/600V	600 V	2	1
1/2/0-580	1C/2/0AWG/SYS 1850/600V	600 V	1	2/0
1/1/0-512	1C/1/0AWG/SYS 1850/600V	600 V	1	1/0
1/3-449	1C/3AWG/SYS 1850/600V	600 V	1	3
2/3-768	2C/3AWG/SYS 1850/600V	600 V	2	3
3/3-834	3C/3AWG/SYS 1850/600V	600 V	3	3

AVERTISSEMENT

Les produits nVent doivent être installés et utilisés conformément aux consignes figurant dans les fiches d'instructions et les documents de formation des produits nVent. Les fiches d'instructions sont disponibles à l'adresse suivante : www.nvent.com et auprès de votre représentant du service client nVent. Une mauvaise installation, une utilisation incorrecte, une application erronée ou toute autre forme de non-respect scrupuleux des instructions et avertissements de nVent peuvent entraîner un dysfonctionnement du produit, des dommages matériels, des lésions corporelles graves et le décès et/ou annuler votre garantie.

Amérique du Nord

Tel +1.800.545.6258

Fax +1.800.527.5703

thermal.info@nvent.com

Europe, Middle East, Africa

Tel +32.16.213.511

Fax +32.16.213.604

thermal.info@nvent.com

Asie Pacifique

Tel +86.21.2412.1688

Fax +86.21.5426.3167

cn.thermal.info@nvent.com

Amérique latine

Tel +1.713.868.4800

Fax +1.713.868.2333

thermal.info@nvent.com

Our powerful portfolio of brands:

RAYCHEM PYROTENAX TRACER NUHEAT