

System 1850Z Jacketed Fire Rated Cable



nVent PYROTENAX System 1850Z Jacketed 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, with a low smoke zero halogen (LSZH) jacket. Developed for transit tunnel applications, it may also be used in other areas where corrosion due to moisture may be of concern. 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:	90 °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
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1/3/0-621Z	1C/3/0AWG/SYS 1850/600V/LSZH JKT	600 V	1	0
2/18-324TSZ	2C/18AWG/SHTWPR SYS 1850/300V/LSZH	300 V	2	18
2/16-340Z	2C/16AWG/SYS 1850/600V/LSZH JKT	600 V	2	16
2/16-364TSZ	2C/16AWG/SHTWPR SYS 1850/300V/LSZH	300 V	2	16
3/16-355Z	3C/16AWG/SYS 1850/600V/LSZH JKT	600 V	3	16
4/16-387Z	4C/16AWG/SYS 1850/600V/LSZH JKT	600 V	4	16
7/16-449Z	7C/16AWG/SYS 1850/600V/LSZH JKT	600 V	7	16
4/14-465Z	4C/14AWG/SYS 1850/600V/LSZH JKT	600 V	4	14
7/14-496Z	7C/14AWG/SYS 1850/600V/LSZH JKT	600 V	7	14
2/14-371Z	2C/14AWG/SYS 1850/600V/LSZH JKT	600 V	2	14
3/14-387Z	3C/14AWG/SYS 1850/600V/LSZH JKT	600 V	3	14
2/12-402Z	2C/12AWG/SYS 1850/600V/LSZH JKT	600 V	2	12
3/12-480Z	3C/12AWG/SYS 1850/600V/LSZH JKT	600 V	3	12
4/12-465Z	4C/12AWG/SYS 1850/600V/LSZH JKT	600 V	4	12
7/12-543Z	7C/12AWG/SYS 1850/600V/LSZH JKT	600 V	7	12
4/10-590Z	4C/10AWG/SYS 1850/600V/LSZH JKT	600 V	4	10
7/10-621Z	7C/10AWG/SYS 1850/600V/LSZH JKT	600 V	7	10
2/10-449Z	2C/10AWG/SYS 1850/600V/LSZH JKT	600 V	2	10
3/10-480Z	3C/10AWG/SYS 1850/600V/LSZH JKT	600 V	3	10

2/8-512Z	2C/8AWG/SYS 1850/600V/LSZH JKT	600 V	2	8
3/8-590Z	3C/8AWG/SYS 1850/600V/LSZH JKT	600 V	3	8
4/8-590Z	4C/8AWG/SYS 1850/600V/LSZH JKT	600 V	4	8
7/8-710Z	7C/8AWG/SYS 1850/600V/LSZH	600 V	7	8
3/6-621Z	3C/6AWG/SYS 1850/600V/LSZH JKT	600 V	3	6
4/6-730Z	4C/6AWG/SYS 1850/600V/LSZH	600 V	4	6
1/6-340Z	1C/6AWG/SYS 1850/600V/LSZH JKT	600 V	1	6
2/6-590Z	2C/6AWG/SYS 1850/600V/LSZH JKT	600 V	2	6
1/350-834Z	1C/350KCMIL/SYS 1850/600V/LSZH JKT	600 V	1	350 kcmil
1/4-402Z	1C/4AWG/SYS 1850/600V/LSZH JKT	600 V	1	4
2/4-684Z	2C/4AWG/SYS 1850/600V/LSZH JKT	600 V	2	4
3/4-746Z	3C/4AWG/SYS 1850/600V/LSZH JKT	600 V	3	4
1/3-449Z	1C/3AWG/SYS 1850/600V/LSZH JKT	600 V	1	3
2/3-768Z	2C/3AWG/SYS 1850/600V/LSZH JKT	600 V	2	3
3/3-834Z	3C/3AWG/SYS 1850/600V/LSZH JKT	600 V	3	3
1/250-746Z	1C/250KCMIL/SYS 1850/600V/LSZH JKT	600 V	1	250 kcmil
1/4/0-684Z	1C/4/0AWG/SYS 1850/600V/LSZH JKT	600 V	1	4/0
1/2-449Z	1C/2AWG/SYS 1850/600V/LZSH JKT	600 V	1	2
1/1-496Z	1C/1AWG/SYS 1850/600V/LSZH JKT	600 V	1	1

1/2/0-580Z	1C/2/0AWG/SYS 1850/600V/LSZH JKT	600 V	1	2/0
1/1/0-512Z	1C/1/0AWG/SYS 1850/600V/LSZH JKT	600 V	1	1/0
1/500-1000Z	1C/500KCMIL/SYS 1850/600V/LSZH JKT	600 V	1	500 kcmil

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

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