

27625A Non-Paired - 600 Volt Tray Cable (TC)



Description:

16 AWG multi-conductor, stranded (7x24) bare copper, PVC/Nylon insulation, PVC jacket constructions.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	20
Total Number of Conductors	20
AWG	16
Stranding	7X24
Conductor Material	BC - Bare Copper

GROUND WIRE:

Ground Wire (Y/N)	N
-------------------	---

INSULATION:

Insulation Material	PVC/Nylon - Polyvinyl Chloride/Nylon
Insulation Color Code Chart	ICEA METHOD I-K2

OUTER SHIELD:

Outer Shield Material	Unshielded
-----------------------	------------

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.045 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.77 in.
--------------------------	---------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C TO (+90°C DRY, +75°C WET)
Temperature Rating	(+90°C DRY, +75°C WET)
Bulk Cable Weight	241 lbs/1000 ft.
Max. Recommended Pulling Tension	412 lbs.
Min. Bend Radius (Install)	7.75 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	UL TC OR NPLF
------------------------	---------------



27625A Non-Paired - 600 Volt Tray Cable (TC)

IEEE Specification	1202
--------------------	------

FLAME TEST:

UL Flame Test	1581 VERTICAL TRAY
---------------	--------------------

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
--------------	---

ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20 Deg. C	4.2 Ohms/1000 ft
--	------------------

Max. Operating Voltage - Other	600 V RMS
--------------------------------	-----------

Max. Recommended Current	8 A
--------------------------	-----

Revision Number: 1 Revision Date: 10-03-2003

© 2003 Belden Wire & Cable Company
All Rights Reserved.

Although Belden Electronics Division ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.