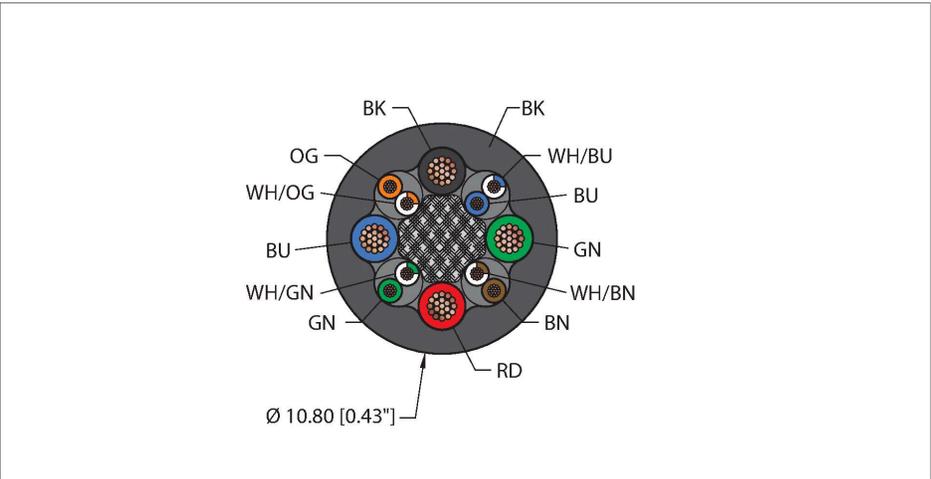


# BLK,TPU,4X16+4UTPX24,AWM,P&EN General Purpose Cable – Reelfast™ Bulk Cable



### Features



- General Purpose Cable
- TPU jacket, Black, 4X16+4UTPX24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL1061, CSA FT1
- UL/CSA AWM 300V

### Technische Daten

Type	BLK,TPU,4X16+4UTPX24,AWM,P&EN
ID	RF52096
<b>Cable data</b>	
Cable Platform	General Purpose Cable
Total number of conductors	12
Cable diameter	Ø 10.8 mm
Cable jacket	TPU, Black
Conductor diameter	0.088 "
Conductor material	TC (tinned copper)
Conductor insulation material	PVC
Conductor size	4 x 16 AWG [Similar to 1.50 mm <sup>2</sup> ]
Number of strands x O.D.	19 x 0.0117 "
Conductor colors	BK, WH/BU, BU, GN, WH/BN, BN, RD, WH/GN, GN, BU, WH/OG, OG
Description of assembly	UTP (Unshielded Twisted Pair)
Number of pairs	4
Conductor diameter	0.045 "
Conductor insulation material	PP
Cable conductor cross-section	2x24 AWG [Similar to 0.25 mm <sup>2</sup> ]
Number of strands x O.D.	19x36 AWG
Weight	0.338 lbs. /meter
<b>Electrical properties at +20 °C</b>	
Voltage	UL/CSA AWM 300V
Dielectric withstand (min.)	2 KVAC

BLK,TPU,4X16+4UTPX24,AWM,P&EN| 22-02-2025 02-01 | Technische Änderungen vorbehalten

## Technische Daten

DC resistance (max)	25.67 $\Omega$ /1000ft max.
Nom. Impedance	100 $\pm$ 15 $\Omega$ 1-100MHz
Coupler loss	$\leq$ 26.4 dB/100m @ 100 MHz
Close-range cross talk	32 dB @ 100 MHz
Ratio of loss — Long-range cross talk	10 dB @ 100 MHz
<b>Mechanical and chemical properties</b>	
Bending radius (static)	$\geq$ 5 x $\emptyset$
Bending radius (dynamic)	$\geq$ 10 x $\emptyset$
UL cold bend rating	-40 °C
Ambient temperature range (static)	-40...+80 °C
Ambient temperature range (dynamic)	-40...+80 °C
Temperature range (installation)	-20...+80 °C
<b>Approval</b>	
Compliances	RoHS
<b>Note</b>	
	- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.
	- We reserve the right to make technical alterations without prior notice.