

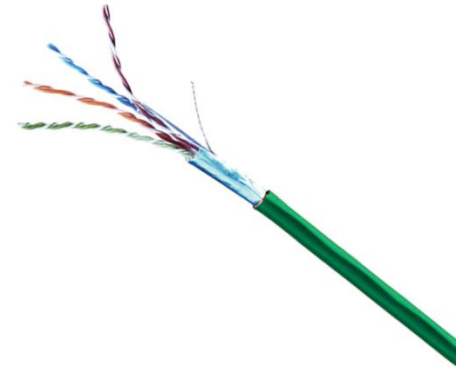


Product Lens

a materials health assessment

COMPANY AND PRODUCT INFO

Issued to	Belden
Description	DataTwist® 1200, 5e & 5, Category 5e & 5, Plenum Rated Horizontal Cable, F/UTP Shielded, 4 Pair, CMP
For the Products	Part Numbers: 1213Fxxx, 1533Pxxx, 1624Pxxx
Certification Period	December 2016- December 2018
Assessor	MBDC basis methodology v3.0*



Qualifications

- LEED BPDO Credit: Material Ingredients Option 1 Qualifies for as 1 product
- LEED BPDO Credit: Material Ingredients Option 2 Qualifies for 100% of cost

Other Achievements



MATERIALS / INGREDIENTS INFORMATION

The following table represents the top 96% of the material ingredient disclosure and ratings. For the full ingredient disclosure information, please see the table on the reverse side.

Materials	Result			
	Supply Chain/ MFG	Install	Use	End of Use
Copper				
FEP	I,D			I,D
PVC	I,D			I,D
Flame Retardant				
Aluminum				
Plasticizer				
Tinned Copper				
PET				
Proprietary				
Proprietary				
Proprietary				

Exposure Indicator

D = Dermal, Skin
I = Inhalation, air
O = Oral, mouth

*No Indicator means no potential exposure scenario identified

Color Ratings

	Low or mild hazard identified and/or potential exposure
	Moderate hazard identified and/or potential exposure
	Problematic concern found. The combination of the hazard and potential exposure leads to some caution for some uses and/or applications.
	Cannot be fully assessed due to either lack of complete formulation, or lack of toxicological information for one or more ingredients.
	Highly problematic material containing one or more chemicals classified as CMR and having a plausible route of exposure.

Go to ul.com/spg to view the full, detailed materials ingredient list

www.belden.com

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*Methodology based on Cradle to Cradle Certified™ Product Material Health Assessment Methodology v3.0



CERTIFIED

PRODUCT LENS MATERIALS
TRANSPARENCY AND
DISCLOSURE.
VIEW SPECIFIC INGREDIENTS
AND EVALUATIONS:
UL.COM/PL

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Material	CAS Number	Role	%	MFG	Install	Use	End of Use	Comment
Copper	7440-50-8	Conductor	34-38					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
FEP	25067-11-2	Insulation/ Colorant	20-22	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
PVC	9002-86-2	Jacket/ Colorant	13-14	I,D			I,D	Lifecycle concerns around use of halogenated polymers.
Flame Retardant	Proprietary	Jacket	7.5-8.5					Some chronic toxicity concerns, but little risk as used in this product.
Aluminum	7429-90-5	Tape	5.5-6.0					Acceptable for use in all product phases
Plasticizer	Proprietary	Jacket	4.0-4.5					Acceptable for use in all product phases
Tinned Copper		Conductor	3.5-4.0					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
PET	25038-59-9	Tape	2.0-2.4					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	1.0-1.2					Little to no risk across all product phases
Flame Retardant	Proprietary	Jacket	1.0-1.2					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.4-0.5					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.3-0.4					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.3-0.4					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.2-0.25	D				Severe damage to eyes possible during manufacturing phase; little to no risk across all other use phases
Proprietary	Proprietary	Jacket	0.15-0.20					Highly toxic to aquatic organisms; however, this material is acceptable for use in all phases due to limited exposure opportunity to biosphere.
Proprietary	Proprietary	Jacket	0.1-0.15					Suspected human carcinogen (CA Prop 65, IARC Group 2B, MAK Group 2)
Proprietary	Proprietary	Jacket	0.1-0.15					Little to no risk across all product phases
Proprietary	Proprietary	Jacket	0.1-0.15					Little to no risk across all product phases
PU Thermoset Adhesive		Tape	0.1-0.15					Unknown
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Proprietary	Proprietary	Colorant	>0.1					CMR - suspected endocrine disruptor and potential reproductive toxicant. (CA Prop 65)
Proprietary	Proprietary	Jacket	>0.1					Little to no risk across all product phases
Red Pigment	Proprietary	Colorant	>0.05					CMR - Carcinogen (CA Prop 65)
Proprietary	Proprietary	Jacket	>0.05					Little to no risk across all product phases
Red Pigment	Proprietary	Colorant	>0.05	I,D			I,D	Lifecycle concerns around use of halogenated polymers.

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