



Shopping basket Passive IT IS Components

Dätwyler Cables GmbH

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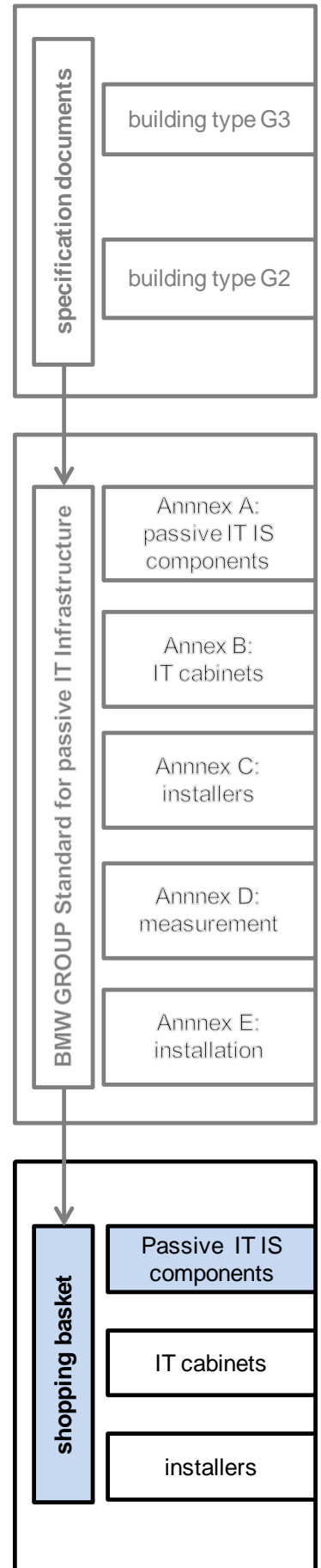
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1 Preliminary Remarks

The **approved passive IT IS components** are checked at regular intervals for compliance with the specifications defined as part of the GHMT PREMIUM Verification Program; please refer to the „B2B portal of BMW Group“, „BMW Group IT intranet“ and the shopping basket „**Passive IT IS components**“ for a list.

To this end, specific requirements were defined for the passive IT IS components of

- balanced copper cabling
 - o data cables
 - o connectivity
 - o work area and patch cords (patch cables)
 - o pre-assembled trunk
- and
- fibre-optic cabling
 - o fibre optic cables
 - o fibre optic connector
 - o fibre optic work area and patch cords (patch cables)
 - o pre-assembled trunk
 - o splice box and distribution box

These requirements include normative and additional specifications laid down by the BMW Group. **The specific requirements are listed in „Annex A: Requirements passive IT IS components“ from the „BMW Group Standard for passive IT Infrastructure“.**

If an IT IS component is prohibited for use during project implementation, approved back-up products (as described above) are to be used in consultation with the BMW Group Data-Centers (Rechenzentren).

If special solutions that deviate from the specifications laid down in the BMW Group cabling standard need to be installed, this must be coordinated in advance with the BMW Group Data-Centers (Rechenzentren).

2 Passive IT IS components - Overview

For the passive IT infrastructure to meet the requisite stringent quality standard, only cabling components and systems may be installed that are approved by the **BMW Group Data-Centers (Rechenzentren)** at the time of planning or implementation.

The **approved passive IT IS components of Dätwyler Cables GmbH** which are currently released, are listed in the here described shopping basket on their application.

Application areas	Passive IT infrastructure		
	Campus backbone cabling	Building backbone cabling	Horizontal cabling
Office environment	Chapter 3, 6	Chapter 3, 6	Chapter 5
Data-Center	Chapter 3, 6	Chapter 3, 6	Chapter 4, 5

Table 1: Application areas for the various passive IT IS components

Remark:

In addition, passive IT IS components (fibre optic and copper patch cords), which are approved by a frame-contract agreement with the BMW Group are listed in Chapter 6.

3 Passive IT IS components - Singlemode

In the following you can find the listed "Passive IT IS components" of Dätwyler Cables GmbH, which are approved by the BMW Group:

Chapter acc. BMW Standard Annex A	Components	Variation / Length	Part-no.	Description
"2.1.1"	FO SM outdoor cables	1 x 12 Fibres	190169	ZGGT (A-DQ(ZN)B2Y)
		1 x 24 Fibres	190149	
		2 x 12 Fibres	186748	wbGGT (A-DQ(ZN)B2Y)
		4 x 12 Fibres	187385	
"2.1.2"	FO SM universal cables	1 x 12 Fibres	192970	ZGGFR (U-DQ(ZN)BH)
		1 x 24 Fibres	187354	
"2.4.1"	FO SM patch cord (LSH/APC - LSH/APC)	0,5 m	428810	Fibre-optic duplex patch cord LSH/APC
		1,0 m	428811	
		1,5 m	428809	
		2,0 m	428812	
		3,0 m	428813	
		4,0 m	428814	
		5,0 m	428815	
		7,5 m	428808	
		10,0 m	428820	
		15,0 m	428829	
		20,0 m	428834	
"2.4.2"	FO SM trunk cables (LSH/APC - LSH/APC)	12 Fibres	415007	Fibre-optic trunk LSH/APC both side
		24 Fibres	415008	
"2.5"	FO SM splice box	1 U	417270	Fibre-optic splice box incl. Pigtails (LSH/APC)
		2 U	417272	
"2.6"	FO SM distribution box	1 U	417271	Fibre-optic breakout box (LSH/APC)
		2 U	417273	

4 Passive IT IS components - Multimode

In the following you can find the listed "Passive IT IS components" of Dätwyler Cables GmbH, which are approved by the BMW Group:

Chapter acc. BMW Standard Annex A	Components	Variation / Length	Part-no.	Description
"3.4.1"	FO MM patch cord (LC/PC - LC/PC)	0,5 m	433340	Fibre-optic duplex patch cord LC/PC - LC/PC
		1,0 m	433341	
		1,5 m	433339	
		2,0 m	433342	
		3,0 m	433343	
		4,0 m	433344	
		5,0 m	433345	
		7,5 m	433338	
		10,0 m	433350	
		15,0 m	433356	
		20,0 m	433361	
"3.4.2"	FO MM trunk cables (LC/PC - LC/PC)	12 Fibres	415019	Fibre-optic trunk LC/PC both side
		24 Fibres	415020	
		48 Fibres	415021	
"3.5"	FO MM distribution box	1 U	417286	OV-AT 1HE-12LCD

5 Passive IT IS components - Copper

In the following you can find the listed "Passive IT IS components" of Dätwyler Cables GmbH, which are approved by the BMW Group:

Chapter acc. BMW Standard Annex A	Components	Variation / Length	Part-no.	Description
"4.1"	Balanced cable Cat.7	simplex	182911	Datwyler CU 7080 4P AWG23 S/FTP Cat.7
		duplex	182912	
"4.2"	RJ45 module Cat.6 _A	1 piece	418061	Datwyler RJ45-Modul KS-T Plus 1/8 toolless Cat.6 _A (IEC)
	RJ45 patch panel	1 U	440042	Datwyler Patchpanel MGK 24x 19" 1 HE stainless steel (1-24)
"4.3.1"	RJ45 patch cord Cat. 6 _A	0,5 m	653503	DATWYLER copper patch cord Cat.6 _A (IEC), CU 7702 flex 4P halogenfree, Plug RJ45 1:1
		1,0 m	653508	
		1,5 m	653509	
		2,0 m	653510	
		3,0 m	653512	
		4,0 m	653514	
		5,0 m	653516	
		7,5 m	653521	
		10,0 m	653526	
		15,0 m	653528	
		20,0 m	653530	
"4.3.2.1"	RJ45 solid conductor trunk (jack-jack)	2x solid wire	655029	CT02F8-7080SORH- KSTP; CT06LTR- 7002SORH-KSTP
		6x solid wire	655205	
"4.3.2.2"	RJ45 patch trunk (connector- connector)	8x flex wire	655098	CU 7702 flex 4P halogenfree, Plug-Plug with DustCover



6 Passive IT IS components - Frame-contract

In the following you can find the listed "Passive IT IS components" of Dätwyler Cables GmbH, which are approved by the BMW Group according the frame-contract agreement.

Components	Variation / Length	Part-no.	Description
FO SM patch cord (LSH/APC - SC/PC)	1,0 m	421811	Fibre-optic duplex patch cord LSH/APC-SC/PC
	2,0 m	421812	
	3,0 m	421813	
	4,0 m	421814	
	5,0 m	421815	
	6,0 m	421816	
	7,0 m	421817	
	8,0 m	421818	
	9,0 m	421819	
	10,0 m	421820	



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