



Shopping basket Passive IT IS Components

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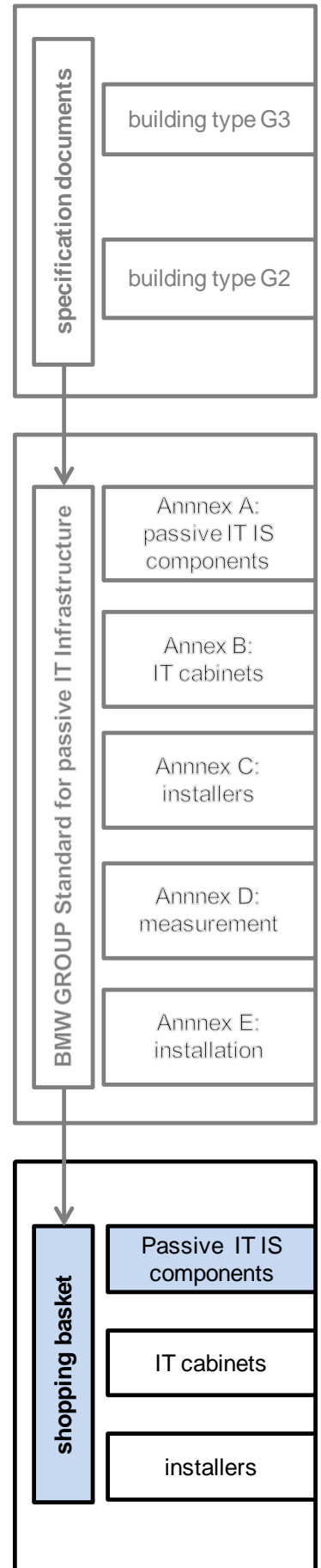
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1 Preliminary Remarks

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 HUBER+SUHNER 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, 5	Chapter 3, 5	-
Data-Center	Chapter 3, 5	Chapter 3, 5	Chapter 4

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 HUBER+SUHNER GmbH, which are approved by the BMW Group:

Chapter acc. BMW Standard Annex A	Components	Variation / Length	Part-no.	Description
"2.4.1"	FO SM patch cord (LSH/APC - LSH/APC)	0,5 m	85081346	PCRF LHAS_LHAS SM27E_xx.x_BB
		1,0 m	85022736	
		1,5 m	85022737	
		2,0 m	85022738	
		3,0 m	85022740	
		4,0 m	85022741	
		5,0 m	85022742	
		7,5 m	85022743	
		10,0 m	85022744	
		15,0 m	85022748	
		20,0 m	85022749	
"2.4.2"	FO SM trunk cables (LSH/APC - LSH/APC)	12 Fibres	AA112-E000xA- SGTDAGSTDA9393C	FO Trunk with xx Fibres Systems LHAS E2000 APC
		24 Fibres	AA124-E000xA- SGTDAGSTDA9393C	
"2.5"	FO SM splice box	1 U	24301714	FO Distribution Box 2U with xx E2000 APC incl. Pigtails
		2 U	24301715	
"2.6"	FO SM distribution box	1 U	LWL-BMW1-93-xx-0- ML-MLxx	FO Distribution Box 1U with xx E2000 APC (only with coupler)
		2 U	LWL-BMW2-93-xx-0- ML-MLxx	

4 Passive IT IS components - Multimode

In the following you can find the listed "Passive IT IS components" of HUBER+SUHNER 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	PCRF_LCMP-LCMP- O427E-0,5-MM	PCRF LCMP_LCMP 0420_xx.x
		1,0 m	PCRF_LCMP-LCMP- O427E-1-MM	
		1,5 m	PCRF_LCMP-LCMP- O427E-1,5-MM	
		2,0 m	PCRF_LCMP-LCMP- O427E-2-MM	
		3,0 m	PCRF_LCMP-LCMP- O427E-3-MM	
		4,0 m	PCRF_LCMP-LCMP- O427E-4-MM	
		5,0 m	PCRF_LCMP-LCMP- O427E-5-MM	
		7,5 m	PCRF_LCMP-LCMP- O427E-7,5-MM	
		10,0 m	PCRF_LCMP-LCMP- O427E-10-MM	
		15,0 m	PCRF_LCMP-LCMP- O427E-15-MM	
		20,0 m	PCRF_LCMP-LCMP- O427E-20-MM	
"3.4.2"	FO MM trunk cables (LC/PC - LC/PC)	12 Fibres	AA-412-E000xA- SGSTDA8585MM	FO Trunk with xx Fibres Systems LC/PC
		24 Fibres	AA-424-E000xA- SGSTDA8585MM	
		48 Fibres	AA-448-E000xA- SGSTDA8585MM	
"3.5"	FO MM distribution box	1 U	LWL-BMW1-85-xx-0- ML-MLxx	FO Distribution Box 1U with xx LC/PC (only with coupler)
		2 U	LWL-BMW2-85-xx-0- ML-MLxx	



5 Passive IT IS components - Frame-contract

In the following you can find the listed "Passive IT IS components" of HUBER+SUHNER 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 - LC/APC)	1,0 m	85081352	PCRF LCAP_LHAS SM27E_xx.x_BB
	1,5 m	85081353	
	2,0 m	85081354	
	3,0 m	85081356	
	4,0 m	85081357	
	5,0 m	85081358	
	7,5 m	85081359	
	10,0 m	85081360	
	15,0 m	85081361	
	20,0 m	85081362	
FO SM patch cord (LSH/APC - SC/PC)	1,0 m	85081350	PCRF SCUD_LHAS SM27E_xx.x_BB
	2,0 m	85022793	
	3,0 m	85022795	
	5,0 m	85022797	
	10,0 m	85022799	
	15,0 m	85022800	

6 Contact



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