

Declaration of Performance		DoP no 0007	0007	
unique identification code of the product-type	no ABSDCBB-AS106177T01-20170504			
intended use/es	Broadband Communications Services & Delivery Medium; Coaxial Cables			
manufacturer	Amphenol TFC Changzhou Communications Equipment Co. Ltd.			
manufacturer address	100 Hehai Road			
manufacturer city	ChangZhou			
manufactuer state or province	Jiangsu			
manufactuer zip code	213022			
manufactuer country	Peoples Republic of China			
notifying body & no	British Approvals Service for Cables (BASEC)	no	2661	
notifying body report reference		no	KCPR1278-2 Classification	
essential characteristic	performance	AVCP	hEN	
Flame Propagation; Broadband Cable	1 test run - complies: 78mm ( $\leq 425\text{mm}$ ) = $E_{ca}$ compliant	3	EN 60332-1-2:2004 + A11:2016	
pH Conductivity	1 test run - complies: pH = 5.5mm, conductivity = 0 $\mu\text{S}/\text{mm}$ (pH $\geq 4.3$ and conductivity $\leq 2.5\mu\text{S}/\text{mm}$ ) = a1 compliant	3	EN 60754-2:2014	
FS	1 test run - complies: 3.31m ( $> 2.0\text{m}$ ) = $D_{ca}$ compliant	3	EN 50399:2011 + A1:2016	
THR <sub>1200s</sub>	1 test run - complies: 26.7MJ ( $\leq 30\text{MJ}$ ) = $C_{ca}$ compliant	3	EN 50399:2011 + A1:2016	
Peak HRR	1 test run - complies: 97.6kW ( $\leq 400\text{kW}$ ) = $D_{ca}$ compliant	3	EN 50399:2011 + A1:2016	
FIGRA	1 test run - complies: 410.7W/s <sup>-1</sup> ( $\leq 1300\text{W}/\text{s}$ ) = $D_{ca}$ compliant	3	EN 50399:2011 + A1:2016	
Flaming Droplets / Particles	1 test run - complies: $> 10\text{s}$ (flaming drips $> 10\text{s}$ ) = d2 compliant	3	EN 50399:2011 + A1:2016	
TSP <sub>1200s</sub>	1 test run - complies: 43.6m <sup>2</sup> ( $\leq 50\text{m}^2$ ) = s1 compliant	3	EN 50399:2011 + A1:2016	
Peak SPR	1 test run - complies: 0.14m <sup>2</sup> /s ( $\leq 0.25\text{m}^2/\text{s}$ ) = s1 compliant	3	EN 50399:2011 + A1:2016	
Minimum Transmission	1 test run - complies: 83.6% ( $> 80\%$ ) = s1a compliant	3	EN 61034-2:2005 + A1:2013	

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field of application: this DoP is valid for the following coaxial cables:

brand name	cable identification	part number	reaction to fire classification
TFC Amphenol (Amphenol Broadband Solutions)	T6CTSFx77T-O(FRLSZH)	006177T01xx401yyyyzz	D <sub>ca</sub>
part number key	xx = outer jacket sheath color		
	yyyy = product print code reference		
	zz = product package type & length		

euroclass designation	D <sub>ca</sub> -s1a,d2,a1
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appropriate and/or specific technical documentation	BS EN 13501-6:2014
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The performance of the product identified above is in conformity with the set of declared performance/s.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

signed for and on behalf of the manufacturer by:	date <input style="width: 50px;" type="text" value="20170630"/>
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