

6XV1870-3QH60 TP CORD RJ45/RJ45 6M

Technical Data

SIMATIC NET INDUSTRIAL
ETHERNET TP CORD RJ45/RJ45,
CAT 6, TP CABLE 4X2,
PREASSEMBLED W. W. 2 RJ45
CONNECTORS, L = 6 M



Cable length	6 m
[nicht versorgt: TAK_ABR691_001_000]	
Damping ratio per length	
• at 10 MHz / maximum	0.086 dB/m
• at 100 MHz / maximum	0.28 dB/m
• at 300 MHz / maximum	0.501 dB/m
• at 600 MHz / maximum	0.735 dB/m
Impedance	
• for frequency range 1 MHz ... 100 MHz	100 Ω
• for frequency range 10 MHz ... 600 MHz	100 Ω
Relative symmetrical tolerance	
• of the surge impedance at 1 MHz ... 100 MHz	15 %
• of the surge impedance at 10 MHz ... 600 MHz	10 %
Transfer impedance / at 10 MHz	10 mΩ/m
Loop resistance per length / maximum	290 Ω/km
Mechanical data	
Number of electrical wires	8
Core diameter	
• of AWG26 core	0.5 mm
Outer diameter	
• of the inner conductor	0.5 mm
• of the wire insulation	1 mm

<ul style="list-style-type: none"> • of the cable sheath 	6.2 mm
Symmetrical tolerance of outer diameter / of cable sheath	0.3 mm
Bending radius	
<ul style="list-style-type: none"> • with single bend / minimum permissible 	31 mm
<ul style="list-style-type: none"> • with multiple bends / minimum permissible 	43.5 mm
Weight per length	50 kg/km
Permitted ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operating 	-25...+70 °C
<ul style="list-style-type: none"> • during storage 	-25...+70 °C
<ul style="list-style-type: none"> • during transport 	-25...+70 °C
<ul style="list-style-type: none"> • during installation 	-25...+70 °C
Protection class IP	IP20
Product properties, functions, components / general	
Product feature	
<ul style="list-style-type: none"> • halogen-free 	Yes
<ul style="list-style-type: none"> • [not supplied - silicon-free] 	Yes
Standards, specifications, approvals	
Verification of suitability	
<ul style="list-style-type: none"> • UL-registration 	Yes
Marine classification association	
<ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) 	No
<ul style="list-style-type: none"> • Bureau Veritas (BV) 	No
<ul style="list-style-type: none"> • Det Norske Veritas (DNV) 	No
<ul style="list-style-type: none"> • Germanische Lloyd (GL) 	No
<ul style="list-style-type: none"> • Lloyds Register of Shipping (LRS) 	No
<ul style="list-style-type: none"> • Nippon Kaiji Kyokai (NK) 	No
<ul style="list-style-type: none"> • Polski Rejestr Statkow (PRS) 	No
letzte Änderung:	May 14, 2012