

Product Technical Note

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**Cable Comparison of BACE-xx(A)  
with BACE-xx(B)-E  
for  
SGMGH-05D, SGMGH-09D, SGMGH-13D,  
SGMSH-10D, SGMSH-15D, SGMSH-20D**

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Applicable Product: BACE-xx(A), BACE-xx(B)-E

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Title: Technical Note: Cable Comparison of BACE-xx(A) with BACE-xx(B)-E for SGMGH-05D, SGMGH-09D, SGMGH-13D, SGMSH-10D, SGMSH-15D, SGMSH-20D	

**ABSTRACT:**

This document contains pertinent differences between the BACE-xx(A) and BACE-xx(B)-E cables (where xx = 03, 05, 10, 15, 20).

**DIFFERENCES:**

Cable Part Number	BACE-xx(A)	BACE-xx(B)-E
Outer Diameter	9.24 mm	11.3 mm
Bend Radius	10x Outer Diameter (92.4 mm)	10x Outer Diameter (113 mm)
Strain Relief <sup>*1</sup>	Inner diameter sized to accommodate 9.24 mm	Inner diameter sized to accommodate 11.3 mm
RoHS Compliance	Non-RoHS	RoHS
Conductor Color	3x Black, 1x Green/Yellow	3x Red OR Black, 1x Green/Yellow
Length from termination to marker flag <sup>*2</sup>	16.2 mm	40.0 mm
Connector (Part Number)	CE05-6A18-10SD-B	CE05-6A18-10SD-D
Raw Cable (Part Number)	(Custom) Lapp Olflex 811748	(Standard) Lapp Olflex 891604CY OR 8916044S

Notes:

- \*1: "Strain Relief" is shown in the reference drawing below.
- \*2: "Length from end of termination to marker flag" is shown in the reference drawing below.



**SIMILARITIES:**

Outer Jacket Material	Lapp Olflex PVC
Outer Jacket Color	Black
Overmolding	L-Type Molded Backshell 95 Durometer PVC. Dimensions are the same.
Applicable Motors	All motors of models: SGMGH-05*, SGMGH-09*, SGMGH-13*, SGMSH/UH-10*, SGMSH/UH-15*, SGMSH/UH-20*

Note: The similarities are not limited to the items listed in the table above.