

Product Technical Note

Cable Comparison of
B7EP-xx(A)-E with B7EP-xx(B)-E
for
SGMGV-1AA, SGMGV-1EA

Applicable Products: B7EP-xx(A)-E, B7EP-xx(B)-E



Product: B7EP-xx(A)-E, B7EP-xx(B)-E	Doc#: TN.Sigma5.02
Title: Cable Comparison of B7EP-xx(A)-E with B7EP-xx(B)-E for SGMGV-1AA, SGMGV-1EA	

ABSTRACT:

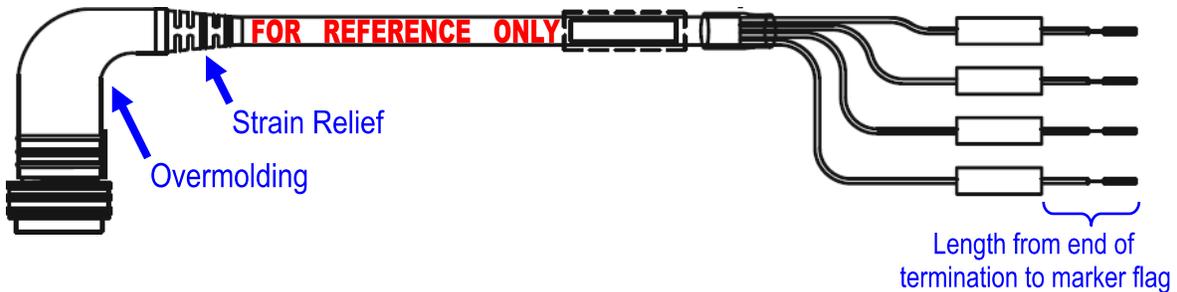
This document contains pertinent differences between the B7EP-xx(A)-E and B7EP-xx(B)-E cables (xx = 03, 05, 10, 15, 20).

DIFFERENCES:

Cable Part Number	B7EP-xx(A)-E	B7EP-xx(B)-E
Outer Diameter	14.7 mm	16.1 mm
Outer Jacket color	Gray	Black
Bend Radius	201.6 mm	225.75 mm
Shield	Braid (85% coverage)	Foil (100% coverage) + Braid (85% coverage)
Length from termination to marker flag ^{*1}	16.2 mm	40.0 mm
Specification (Raw Cable Part Number)	Lapp Olflex 600404CY	Lapp Olflex 760404

Notes:

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



SIMILARITIES:

Conductor Color Code	Black with white numbers plus green/yellow ground.
Overmolding	L-Type Molded Backshell 95 Durometer PVC. Dimensions are the same.
Connector	CE05-6A32-17SD-D
RoHS	Yes
Applicable Motors	SGMGV-11A*, SGMGV-1EA*

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